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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Model: ethanolV4NoIO | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Java Package Name | | | | ethanolV4 | | | | | | | | | |  | | |  |  |
|  | File Name | | | | C:\Users\erico\EMSD\Thesis\ethanolV4NoIO\ethanolV4NoIO.alp | | | | | | | | | |  | | |  |  |
|  | Model Time | | | | | | | | | | | | | |  | | |  |  |
|  | Model Time Units | | | | Minute | | | | | | | | | |  | | |  |  |
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|  | Active Object Class: Main | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Startup Code | | | | areaPrice.navigateTo(); | | | | | | | | | |  | | |  |  |
|  | Advanced | | | | | | | | | | | | | |  | | |  |  |
|  | Auto-create Datasets | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 1000 | | | | | | | | | |  | | |  |  |
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|  | Parameter: tradersExpectedPriceAdjTime | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Time in months required by traders to adjust the expectation of price | | | | | | | | | | | | | | | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 6 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: sensitivityPriceToInvCoverage | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Indicates how much the price will change with a change in the inventory coverage. This number is negative because price decreases with an increase in coverage. The further away from zero the sensitivity is, the bigger the effect. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | -.5 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
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|  | Parameter: sensitivityPriceToCost | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Indicates how much the price will change with a change in the cost for the industry. The higher this number, the bigger the effect. | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | .1 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: iniPriceEthanol | | | | | | | | | | | | | | | | |  |  |
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|  | Description: Wholesale price of hydrous ethanol at the beginning of the simulation. | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 1.28 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/litre | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: minOrderProcessingTime | | | | | | | | | | | | | | | | |  |  |
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|  | Description: Time in months required to process a given order from a customer. | | | | | | | | | | | | | | | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | .25 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: iniInventoryEthanol | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Initial amount of ethanol in inventory in thousand cubic meters | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 1600000 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | m3 | | | | | | | | | |  | | |  |  |
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|  | Parameter: iniCapacityUtilization | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | .8 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: inventoryAT | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Time in months required on average to adjust the inventory to the desired level (time to receive information, acknowledge, decide, execute etc.) | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 12 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time | | | | | | | | | |  | | |  |  |
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|  | Parameter: utilizationAT | | | | | | | | | | | | | | | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Description: Time in months required to adjust the capacity utilization in response to changes to the price and schedule pressure. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 2 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: invCoveragePerceptionTime | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Time in months required to adjust the perception of the inventory coverage (time to receive information, acknowledge etc.) | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 2 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time | | | | | | | | | |  | | |  |  |
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|  | Parameter: iniRatioInvCoverage | | | | | | | | | | | | | | | | |  |  |
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|  | Description: The ratio between inventory coverage and the reference value at the beginning of the simulation. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 1 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
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|  | Parameter: sensitivityCapUtilToSP | | | | | | | | | | | | | | | | |  |  |
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|  | Description: Indicates how much the capacity utilization will change for a change in schedule pressure. The bigger this sensitivity the higher the influence. | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 1 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: shortRunProfitExpAT | | | | | | | | | | | | | | | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Description: Time in months required to adjust the expectations of future, short term profit. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 6 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: sensitivityCapUtilToMarkup | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Indicates how much the capacity utilization will change for a change in expected markup. The bigger this sensitivity the higher the influence. | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 1 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
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|  | Parameter: demandPerceptionTime | | | | | | | | | | | | | | | | |  |  |
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|  | Description: Time in months required to adjust the perception of demand | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 12 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: cancellingAdjTime | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Time in months required to cancel the building of new capacity (time to collect information and decide). | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 6 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Parameter: supplyLineAdjTime | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Time in months required to adjust the supply line to the desired value (time to receive information, decide, execute etc.) | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 6 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: capacityAcquisitionDelay | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Time in months required to build new capacity | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 24 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: capacityAT | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Time in months required to adjust the capacity to the desired value. Time is required to collect information, do research and decide. Furthermore, after the decision the investor needs an environmental license, which might take at least one year alone. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 24 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time | | | | | | | | | |  | | |  |  |
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|  | Parameter: normalLifeCapacity | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Normal life of plant and equipment (time in which they are depreciated and discarded). The actual life capacity grows or diminishes with the expected profit. When expected profit is high the plants are used longer, otherwise their life is shortened. | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 12.0\*30//30 years | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: longRunProfitExpAT | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Time in months required to adjust the expectations of future, long term profit. | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 24 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time | | | | | | | | | |  | | |  |  |
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|  | Parameter: minOrder | | | | | | | | | | | | | | | | |  |  |
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|  | Description: Defines a minimum size for a new plant, so the decision is held up until this amount is reached. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 60000 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ton/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: lossRate | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Hydrous Ethanol has 4% of water which is drained in the last process to obtain anhydrous ethanol. Each inflow to the anhydrous inventory then yields a loss in volume of 4%. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | .04 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: timeToGrow | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Time in months for the sugarcane to grow. There are two varieties, one that grows in one year and other in an year and a half. This time is an average. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 15 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: timeToPlant | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Time in years for producers to decide on how much to plant (time to collect information, acquire land etc.) | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 1//one year | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | year | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: maxLandProductivity | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: The maximum theoretical productivity is 280 tons/ha/year (Duke, 1983). | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 280 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ton/ha/year | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: avgLifeVehicle | | | | | | | | | | | | | | | | |  |  |
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|  | Description: Time in months required on average to adjust the inventory to the desired level (time to receive information, acknowledge, ponder, decide, execute etc.) | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 12.0\*12//in months | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Parameter: timeToCloseGapFleet | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Time in months required on average for the market to close the gap on the Fleet in face of new income. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 6 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: maxEfficiencyGasoline | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 20 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | Km/litre | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: timeToChangeEfficiency | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Time in months for the efficiency to "catch up" to the maximum possible value. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 12.0\*20//20 years | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time | | | | | | | | | |  | | |  |  |
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|  | Parameter: maxEfficiencyEthanol | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 14 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | Km/litre | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Parameter: pauseTime | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | int | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 38 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: hydrousAvgRetailMarkup | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: The variable priceEthanol is the wholesale price. The model assumes (on a first iteration) a constant markup for retail sales. | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 1.214 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
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|  | Parameter: consumptionConstantTerm | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: D=K.Y^α.P^β, where D is demand per Km per capita, Y is the income per capita and P is the price per Kilometre. The constant term K and the income and price elasticities (α and β respectively) were obtained statistically from historical data. | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | pow(10.0,-1.0922) | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
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|  | Parameter: consumptionIncomeElasticity | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: D=K.Y^α.P^β, where D is demand per Km per capita, Y is the income per capita and P is the price per Kilometre. The constant term K and the income and price elasticities (α and β respectively) were obtained statistically from historical data. | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 0.9640 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
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|  | Parameter: consumptionPriceElasticity | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: D=K.Y^α.P^β, where D is demand per Km per capita, Y is the income per capita and P is the price per Kilometre. The constant term K and | | | | | | | | | | | | | | | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | the income and price elasticities (α and β respectively) were obtained statistically from historical data. | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | -0.5985 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: timeToChangePreference | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Time in months required on average for consumers to change preference for ethanol in face of price changes. | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 2 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time | | | | | | | | | |  | | |  |  |
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|  | Parameter: demandAT | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Time in months required for the market to adjust the demand | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 3 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time | | | | | | | | | |  | | |  |  |
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|  | Parameter: initialLandProductivity | | | | | | | | | | | | | | | | |  |  |
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|  | Description: This is the initial productivity for the first ton produced according to the experience curve theory (Bake, 2009). It was found by a regression on past data. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 0.0932 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ton/ha/year | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Parameter: landProdExperienceIndex | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Productivity is assumed to increase with accumulated production thanks to learning effects. This parameter was obtained statistically from historical data. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 0.29535//progress ratio = 122.7% | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: oneYear | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 12 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: productivity1st | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: productivity relative to the average | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 1.249 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
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|  | Parameter: productivity2nd | | | | | | | | | | | | | | | | |  |  |
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|  | Description: productivity relative to the average | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 1.101 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Parameter: productivity3rd | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | .968 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
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|  | Parameter: productivity4th | | | | | | | | | | | | | | | | |  |  |
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|  | Description: productivity relative to the average | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | .872 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
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|  | Parameter: productivity5th | | | | | | | | | | | | | | | | |  |  |
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|  | Description: productivity relative to the average | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | .810 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
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|  | Parameter: productivityOlder | | | | | | | | | | | | | | | | |  |  |
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|  | Description: productivity relative to the average | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | .799 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
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|  | Parameter: timeToDegrade | | | | | | | | | | | | | | | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 72//6 years | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: initialSCProductivity | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: This is the initial productivity for the first ton produced according to the experience curve theory (Bake, 2009). It was found by a regression on past data. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 0.0090 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | tonTRS/ton | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: elasticitySCProdToAcumProd | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: The elasticity index according to the experience curve theory (Bake, 2009). Found statistically on historical data. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 0.1355 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: prodTRStoHydrous | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 1.741 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | tonTRS/m3 | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: prodTRStoSugar | | | | | | | | | | | | | | | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 1.0495 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | tonTRS/tonSugar | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: costExpAT | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Time in months required to adjust the expectations of future cost. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 12 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: fractionCostVariable | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | .4 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: avgExpectedInvCoverage | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Average inventory coverage (number of days) expected by the industry. Because of the production seasonality the actual inventory coverage varies throughout the year. This average is used to calculate the reference value at each point in time after applying a seasonal factor. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 59 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | days | | | | | | | | | |  | | |  |  |
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|  | Parameter: numberPeriods | | | | | | | | | | | | | | | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | int | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 60 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: timeToChangeFractionTRS | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Time in months required to adjust the fraction of capacity used to produce Ethanol (instead of sugar). The fraction will change with time based on the industry's expected profit from each product. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 1 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time | | | | | | | | | |  | | |  |  |
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|  | Parameter: meanWeather | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: The productivity depends heaviliy on the weather. The effect is random. One year may be good and the next one bad depending on average temperature, volume of rainfall etc. The effect is defined by a random negative effect with a normal distribution of mean 'meanWeather' and standard deviation 'stdDevWeather' | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | .0//.05 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
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|  | Parameter: stdDevWeather | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | .0//.03 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
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|  | Parameter: litrePerM3 | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 1000 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | litre/m3 | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: monthPerYear | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 12 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time/year | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: daysPerMonth | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 30 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | days/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: remainingLifeEthanol | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 7.0\*12//seven years first order delay as a rough simplification | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Parameter: normalIdleness | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | .45 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Parameter: retailPriceNormalAT | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: The retail price adjustment time depends on wether the price is increasing or decreasing. If it is increasing (indicated price is bigger than current price) the time is smaller, that is, the price adjusts faster. A decrease in price will take longer to propagate as retailers wait until someone decreases the price and all others follow. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 1 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time | | | | | | | | | |  | | |  |  |
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|  | Parameter: averageAnhydrousMarkup | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 1.146 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
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|  | Parameter: sensitivityDesiredCropToSP | | | | | | | | | | | | | | | | |  |  |
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|  | Description: Indicates how much the capacity utilization will change for a change in schedule pressure. The bigger this sensitivity the higher the influence. | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 1 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
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|  | Parameter: scenarioDemand | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | String | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | "base" | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
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|  | Parameter: iniFixed | | | | | | | | | | | | | | | | |  |  |
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|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 1250000 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
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|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
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|  | Parameter: stepProductivity | | | | | | | | | | | | | | | | |  |  |
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|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 0 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
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|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
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|  | Parameter: stepPriceGasolineA | | | | | | | | | | | | | | | | |  |  |
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|  | Default Value | | | | 0 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
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|  | Parameter: stepIncome | | | | | | | | | | | | | | | | |  |  |
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|  | Default Value | | | | 0 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
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|  | Parameter: stepPriceSugar | | | | | | | | | | | | | | | | |  |  |
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|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 0 | | | | | | | | | |  | | |  |  |
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|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
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|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
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|  | Parameter: stepExports | | | | | | | | | | | | | | | | |  |  |
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|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 0 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
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|  | Parameter: scenarioPriceGasoline | | | | | | | | | | | | | | | | |  |  |
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|  | Default Value | | | | "base" | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
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|  | Parameter: scenarioPriceSugar | | | | | | | | | | | | | | | | |  |  |
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|  | Default Value | | | | "base" | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
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|  | Default Value | | | | "base" | | | | | | | | | |  | | |  |  |
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|  | Parameter: scenarioProductivity | | | | | | | | | | | | | | | | |  |  |
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|  | General | | | | | | | | | | | | | |  | | |  |  |
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|  | Default Value | | | | "base" | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
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|  | Parameter: maxFractionTRS | | | | | | | | | | | | | | | | |  |  |
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|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | .65 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
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|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
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|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | .35 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
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|  | Parameter: iniBase | | | | | | | | | | | | | | | | |  |  |
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|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 800000 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
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|  | Parameter: lastMonthHistory | | | | | | | | | | | | | | | | |  |  |
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|  | Type | | | | int | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 110 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
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|  | Parameter: lowGrowthTimeIndex | | | | | | | | | | | | | | | | |  |  |
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|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | -0.0005 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
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|  | Parameter: highGrowthTimeIndex | | | | | | | | | | | | | | | | |  |  |
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|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 0.0010 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
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|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
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|  | Parameter: costPerHectare | | | | | | | | | | | | | | | | |  |  |
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|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 3960 | | | | | | | | | |  | | |  |  |
|  | Editor | | | | | | | | | | | | | |  | | |  |  |
|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
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|  | Parameter: fractionAnhydrousInput | | | | | | | | | | | | | | | | |  |  |
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|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | .2 | | | | | | | | | |  | | |  |  |
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|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
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|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
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|  | Parameter: ethanolSubsidiesInput | | | | | | | | | | | | | | | | |  |  |
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|  | Default Value | | | | 0.0 | | | | | | | | | |  | | |  |  |
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|  | Parameter: inputIndustrialCostSugar | | | | | | | | | | | | | | | | |  |  |
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|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | 350 | | | | | | | | | |  | | |  |  |
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|  | Editor Control | | | | TEXT\_BOX | | | | | | | | | |  | | |  |  |
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|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/tonSugar | | | | | | | | | |  | | |  |  |
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|  | Parameter: maxKmPerCapitaPerYear | | | | | | | | | | | | | | | | |  |  |
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|  | Parameter: startSchock | | | | | | | | | | | | | | | | |  |  |
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|  | Default Value | | | | 300 | | | | | | | | | |  | | |  |  |
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|  | Parameter: noSeasonality | | | | | | | | | | | | | | | | |  |  |
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|  | Type | | | | String | | | | | | | | | |  | | |  |  |
|  | Default Value | | | | "false" | | | | | | | | | |  | | |  |  |
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|  | Function: saveAndReturn | | | | | | | | | | | | | | | | |  |  |
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|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Return Type | | | | void | | | | | | | | | |  | | |  |  |
|  | Code | | | | | | | | | | | | | |  | | |  |  |
|  | Body | | | | Plot plotGeneric = ((Simulation) getEngine().getExperiment()).plotPrice; //plotGeneric.setFixedHorizontalScale(0,numberPeriods); plotGeneric.setFixedHorizontalScale(2003,currentYear); plotGeneric.addDataSet(ds\_priceEthanolHydrousEquivalent,"wholesale price (R$/litre)",  plotGeneric.getCount() > 0 ? spectrumColor(plotGeneric.getCount(), 5) : blue, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 0 ? Chart.POINT\_CIRCLE : Chart.POINT\_NONE); plotGeneric.addDataSet(ds\_expectedProductionCostHydrous,"expected production cost",  plotGeneric.getCount() > 1 ? spectrumColor(plotGeneric.getCount(), 5) : magenta, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 1 ? Chart.POINT\_TRIANGLE : Chart.POINT\_NONE); //plotGeneric.addDataSet(ds\_tradersExpectedPrice,"traders expected price", // green, true, Chart.INTERPOLATION\_LINEAR,1, Chart.POINT\_NONE);  plotGeneric = ((Simulation) getEngine().getExperiment()).plotInvCoverage; plotGeneric.setFixedHorizontalScale(2003,currentYear); plotGeneric.addDataSet(ds\_invCoverageEthanol,"invCoverageEthanol (days)",  plotGeneric.getCount() > 0 ? spectrumColor(plotGeneric.getCount(), 5) : blue, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 0 ? Chart.POINT\_CIRCLE : Chart.POINT\_NONE); plotGeneric.addDataSet(ds\_referenceInvCoverage,"reference Coverage",  plotGeneric.getCount() > 1 ? spectrumColor(plotGeneric.getCount(), 5) : magenta, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 1 ? Chart.POINT\_TRIANGLE : Chart.POINT\_NONE);  plotGeneric = ((Simulation) getEngine().getExperiment()).plotDemand; plotGeneric.setFixedHorizontalScale(2003,currentYear); plotGeneric.addDataSet(ds\_desiredShipmentHydrous,"demandHydrous (m³/month)",  plotGeneric.getCount() > 0 ? spectrumColor(plotGeneric.getCount(), 5) : blue, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 0 ? Chart.POINT\_CIRCLE : Chart.POINT\_NONE); plotGeneric.addDataSet(ds\_desiredShipmentAnhydrous,"demandAnhydrous",  plotGeneric.getCount() > 1 ? spectrumColor(plotGeneric.getCount(), 5) : magenta, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 1 ? Chart.POINT\_TRIANGLE : Chart. | | | | | | | | | |  | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  |  | | | | POINT\_NONE); plotGeneric.addDataSet(ds\_netExportsEthanol,"netExportsEthanol",  plotGeneric.getCount() > 2 ? spectrumColor(plotGeneric.getCount(), 5) : green, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 2 ? Chart.POINT\_SQUARE : Chart.POINT\_NONE);  plotGeneric = ((Simulation) getEngine().getExperiment()).plotTotalDemand; plotGeneric.setFixedHorizontalScale(2003,currentYear); plotGeneric.addDataSet(ds\_totalDemandEthanol,"totalDemandEthanol (m³/month)",  plotGeneric.getCount() > 0 ? spectrumColor(plotGeneric.getCount(), 5) : blue, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 0 ? Chart.POINT\_CIRCLE : Chart.POINT\_NONE); plotGeneric.addDataSet(ds\_shipmentRateEthanol,"shipmentRate",  plotGeneric.getCount() > 1 ? spectrumColor(plotGeneric.getCount(), 5) : magenta, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 1 ? Chart.POINT\_TRIANGLE : Chart.POINT\_NONE); plotGeneric.addDataSet(ds\_demandForecastEthanol,"demandForecast",  plotGeneric.getCount() > 2 ? spectrumColor(plotGeneric.getCount(), 5) : green, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 2 ? Chart.POINT\_SQUARE : Chart.POINT\_NONE);  plotGeneric = ((Simulation) getEngine().getExperiment()).plotProduction; plotGeneric.setFixedHorizontalScale(2003,currentYear); plotGeneric.addDataSet(ds\_productionRate,"productionRate (m³/month)",  plotGeneric.getCount() > 0 ? spectrumColor(plotGeneric.getCount(), 5) : red, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 0 ? Chart.POINT\_CIRCLE : Chart.POINT\_NONE); plotGeneric.addDataSet(ds\_desiredProduction,"desiredProduction",  plotGeneric.getCount() > 1 ? spectrumColor(plotGeneric.getCount(), 5) : green, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 1 ? Chart.POINT\_TRIANGLE : Chart.POINT\_NONE); plotGeneric.addDataSet(ds\_demandForecastEthanol,"demandForecastEthanol",  plotGeneric.getCount() > 2 ? spectrumColor(plotGeneric.getCount(), 5) : blue, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 2 ? Chart.POINT\_SQUARE : Chart.POINT\_NONE);  plotGeneric = ((Simulation) getEngine().getExperiment()).plotInventory; plotGeneric.setFixedHorizontalScale(2003,currentYear); plotGeneric.addDataSet(ds\_inventoryEthanol,"inventory ethanol (m³)",  plotGeneric.getCount() > 0 ? spectrumColor(plotGeneric.getCount(), 5) : blue, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 0 ? Chart.POINT\_CIRCLE : Chart.POINT\_NONE); plotGeneric.addDataSet(ds\_desiredInventoryEthanol,"desired inventory",  plotGeneric.getCount() > 1 ? spectrumColor(plotGeneric.getCount(), 5) : magenta, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 1 ? Chart.POINT\_TRIANGLE : Chart.POINT\_NONE);   plotGeneric = ((Simulation) getEngine().getExperiment()).plotMillCapacity; plotGeneric.setFixedHorizontalScale(2003,currentYear); plotGeneric.addDataSet(ds\_millCapacity,"mill Capacity (tonne/month)",  plotGeneric.getCount() > 0 ? spectrumColor(plotGeneric.getCount(), 5) : blue, true, Chart.INTERPOLATION\_LINEAR,1, | | | | | | | | | |  | | |  |  |
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|  |  | | | | plotGeneric.getCount() > 0 ? Chart.POINT\_CIRCLE : Chart.POINT\_NONE); plotGeneric.addDataSet(ds\_sugarCaneMonthlyProduction,"Sugarcane Monthly Production",  plotGeneric.getCount() > 1 ? spectrumColor(plotGeneric.getCount(), 5) : magenta, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 1 ? Chart.POINT\_TRIANGLE : Chart.POINT\_NONE);  plotGeneric = ((Simulation) getEngine().getExperiment()).plotPricePerKm; plotGeneric.setFixedHorizontalScale(2003,currentYear); plotGeneric.addDataSet(ds\_priceGasolinePerKm,"price per Km gasoline (R$/Km)",  plotGeneric.getCount() > 0 ? spectrumColor(plotGeneric.getCount(), 5) : blue, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 0 ? Chart.POINT\_CIRCLE : Chart.POINT\_NONE); plotGeneric.addDataSet(ds\_priceHydrousPerKm,"price per Km hydrous",  plotGeneric.getCount() > 1 ? spectrumColor(plotGeneric.getCount(), 5) : magenta, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 1 ? Chart.POINT\_TRIANGLE : Chart.POINT\_NONE);   plotGeneric = ((Simulation) getEngine().getExperiment()).plotPreference; plotGeneric.setFixedHorizontalScale(2003,currentYear); plotGeneric.addDataSet(ds\_preferenceEthanol,"preference for ethanol (%)",  plotGeneric.getCount() > 0 ? spectrumColor(plotGeneric.getCount(), 5) : green, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 0 ? Chart.POINT\_CIRCLE : Chart.POINT\_NONE);  plotGeneric = ((Simulation) getEngine().getExperiment()).plotProfit; plotGeneric.setFixedHorizontalScale(2003,currentYear); plotGeneric.addDataSet(ds\_profitMarginSugar,"profitMarginSugar",  plotGeneric.getCount() > 0 ? spectrumColor(plotGeneric.getCount(), 5) : blue, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 0 ? Chart.POINT\_CIRCLE : Chart.POINT\_NONE); plotGeneric.addDataSet(ds\_profitMarginHydrousEquivalent,"profitMarginEthanol",  plotGeneric.getCount() > 1 ? spectrumColor(plotGeneric.getCount(), 5) : magenta, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 1 ? Chart.POINT\_TRIANGLE : Chart.POINT\_NONE); plotGeneric.addDataSet(ds\_combinedProfit,"combinedProfit",  plotGeneric.getCount() > 2 ? spectrumColor(plotGeneric.getCount(), 5) : green, true, Chart.INTERPOLATION\_LINEAR,1, Chart.POINT\_SQUARE);  plotGeneric = ((Simulation) getEngine().getExperiment()).plotProfitNew; plotGeneric.setFixedHorizontalScale(2003,currentYear); plotGeneric.addDataSet(ds\_expectedProfitNewInv,"expectedProfitNewInv",  plotGeneric.getCount() > 0 ? spectrumColor(plotGeneric.getCount(), 5) : blue, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 0 ? Chart.POINT\_CIRCLE : Chart.POINT\_NONE);   plotGeneric = ((Simulation) getEngine().getExperiment()).plotUtilization; plotGeneric.setFixedHorizontalScale(2003,currentYear); plotGeneric.addDataSet(ds\_capacityUtilization,"capacityUtilization",  plotGeneric.getCount() > 0 ? spectrumColor(plotGeneric.getCount(), 5) : blue, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 0 ? Chart.POINT\_CIRCLE : Chart.POINT\_NONE); plotGeneric.addDataSet(ds\_effectSchedulePressureOnCapUtil,"effectSchedulePressureOnCapUtil", | | | | | | | | | |  | | |  |  |
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|  |  | | | | plotGeneric.getCount() > 1 ? spectrumColor(plotGeneric.getCount(), 5) : magenta, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 1 ? Chart.POINT\_TRIANGLE : Chart.POINT\_NONE); plotGeneric.addDataSet(ds\_effectExpMarkupOnCapUtil,"effectExpMarkupOnCapUtil",  plotGeneric.getCount() > 2 ? spectrumColor(plotGeneric.getCount(), 5) : green, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 2 ? Chart.POINT\_SQUARE : Chart.POINT\_NONE);  plotGeneric = ((Simulation) getEngine().getExperiment()).plotProductivity; plotGeneric.setFixedHorizontalScale(2003,currentYear); plotGeneric.addDataSet(ds\_landProductivity,"landProductivity (tonne/ha)",  plotGeneric.getCount() > 0 ? spectrumColor(plotGeneric.getCount(), 5) : blue, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 0 ? Chart.POINT\_CIRCLE : Chart.POINT\_NONE); /\*plotGeneric.addDataSet(ds\_sugarcaneProductivity,"sugarcaneProductivity (Kg TRS / tonne SC)",  plotGeneric.getCount() > 1 ? spectrumColor(plotGeneric.getCount(), 5) : magenta, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 1 ? Chart.POINT\_TRIANGLE : Chart.POINT\_NONE); \*/  plotGeneric = ((Simulation) getEngine().getExperiment()).plotCrops; plotGeneric.setFixedHorizontalScale(2003,currentYear); plotGeneric.addDataSet(ds\_crop1stHarvest,"crop1stHarvest (ha)",  green, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 0 ? Chart.POINT\_TRIANGLE : Chart.POINT\_NONE); plotGeneric.addDataSet(ds\_crop2ndHarvest,"2ndHarvest",  orange, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 1 ? Chart.POINT\_TRIANGLE : Chart.POINT\_NONE); plotGeneric.addDataSet(ds\_crop3rdHarvest,"3rdHarvest",  blue, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 2 ? Chart.POINT\_TRIANGLE : Chart.POINT\_NONE); plotGeneric.addDataSet(ds\_crop4thHarvest,"4thHarvest",  deepSkyBlue, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 3 ? Chart.POINT\_TRIANGLE : Chart.POINT\_NONE); plotGeneric.addDataSet(ds\_crop5thHarvest,"5thHarvest",  olive, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 4 ? Chart.POINT\_TRIANGLE : Chart.POINT\_NONE); plotGeneric.addDataSet(ds\_cropOlder,"Older",  red, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 5 ? Chart.POINT\_TRIANGLE : Chart.POINT\_NONE);  plotGeneric = ((Simulation) getEngine().getExperiment()).plotFractionTRS; plotGeneric.setFixedHorizontalScale(2003,currentYear); plotGeneric.addDataSet(ds\_fractionTRStoEthanol,"fractionTRStoEthanol",  plotGeneric.getCount() > 0 ? spectrumColor(plotGeneric.getCount(), 5) : blue, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 0 ? Chart.POINT\_CIRCLE : Chart.POINT\_NONE);  plotGeneric = ((Simulation) getEngine().getExperiment()).plotCropsFlows; plotGeneric.setFixedHorizontalScale(2003,currentYear); plotGeneric.addDataSet(ds\_desiredRenovation,"desiredRenovation (ha/month)",  plotGeneric.getCount() > 0 ? spectrumColor(plotGeneric.getCount(), 5) : blue, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 0 ? Chart.POINT\_CIRCLE : Chart.POINT\_NONE); plotGeneric.addDataSet(ds\_renovationRate,"renovationRate",  plotGeneric.getCount() > 1 ? spectrumColor(plotGeneric.getCount(), 5) : magenta, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 1 ? Chart.POINT\_TRIANGLE : Chart.POINT\_NONE); | | | | | | | | | |  | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  |  | | | | plotGeneric.addDataSet(ds\_plantingRate,"plantingRate",  plotGeneric.getCount() > 2 ? spectrumColor(plotGeneric.getCount(), 5) : green, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 2 ? Chart.POINT\_SQUARE : Chart.POINT\_NONE);  plotGeneric = ((Simulation) getEngine().getExperiment()).plotEffectsProductivity; plotGeneric.setFixedHorizontalScale(2003,currentYear); plotGeneric.addDataSet(ds\_effectAgeInProductivity,"effectAgeInProductivity",  plotGeneric.getCount() > 0 ? spectrumColor(plotGeneric.getCount(), 5) : blue, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 0 ? Chart.POINT\_CIRCLE : Chart.POINT\_NONE); plotGeneric.addDataSet(ds\_effectWeatherInProductivity,"effectWeatherInProductivity",  plotGeneric.getCount() > 1 ? spectrumColor(plotGeneric.getCount(), 5) : magenta, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 1 ? Chart.POINT\_TRIANGLE : Chart.POINT\_NONE);  plotGeneric = ((Simulation) getEngine().getExperiment()).plotTotalCrop; plotGeneric.setFixedHorizontalScale(2003,currentYear); plotGeneric.addDataSet(ds\_totalCrop,"totalCrop (ha)",  plotGeneric.getCount() > 0 ? spectrumColor(plotGeneric.getCount(), 5) : blue, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 0 ? Chart.POINT\_CIRCLE : Chart.POINT\_NONE);  plotGeneric = ((Simulation) getEngine().getExperiment()).plotPriceSugar; plotGeneric.setFixedHorizontalScale(2003,currentYear); plotGeneric.addDataSet(ds\_priceSugar,"priceSugar (R$/tonne)",  plotGeneric.getCount() > 0 ? spectrumColor(plotGeneric.getCount(), 5) : blue, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 0 ? Chart.POINT\_CIRCLE : Chart.POINT\_NONE);  plotGeneric = ((Simulation) getEngine().getExperiment()).plotPriceGasolineA; plotGeneric.setFixedHorizontalScale(2003,currentYear); plotGeneric.addDataSet(ds\_priceGasolineA,"priceGasolineA (R$/litre)",  plotGeneric.getCount() > 0 ? spectrumColor(plotGeneric.getCount(), 5) : blue, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 0 ? Chart.POINT\_CIRCLE : Chart.POINT\_NONE);  plotGeneric = ((Simulation) getEngine().getExperiment()).plotGDPPerCapita; plotGeneric.setFixedHorizontalScale(2003,currentYear); plotGeneric.addDataSet(ds\_GDPperCapita,"GDPperCapita (R$/person/year)",  plotGeneric.getCount() > 0 ? spectrumColor(plotGeneric.getCount(), 5) : blue, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 0 ? Chart.POINT\_CIRCLE : Chart.POINT\_NONE);  plotGeneric = ((Simulation) getEngine().getExperiment()).plotFleet; plotGeneric.setFixedHorizontalScale(2003,currentYear); plotGeneric.addDataSet(ds\_fleetEthanol,"fleetEthanol (cars)",  green, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 0 ? Chart.POINT\_TRIANGLE : Chart.POINT\_NONE); plotGeneric.addDataSet(ds\_fleetGasoline,"fleetGasoline",  red, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 1 ? Chart.POINT\_TRIANGLE : Chart.POINT\_NONE); plotGeneric.addDataSet(ds\_fleetFlex,"fleetFlex",  blue, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 2 ? Chart.POINT\_TRIANGLE : Chart.POINT\_NONE);  plotGeneric = ((Simulation) getEngine().getExperiment()).plotDemandSugar; | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  |  | | | | plotGeneric.setFixedHorizontalScale(2003,currentYear); plotGeneric.addDataSet(ds\_demandSugar,"demandSugar (tonne/month)",  plotGeneric.getCount() > 0 ? spectrumColor(plotGeneric.getCount(), 5) : blue, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 0 ? Chart.POINT\_CIRCLE : Chart.POINT\_NONE); plotGeneric.addDataSet(ds\_sugarProduction,"sugarProduction",  plotGeneric.getCount() > 1 ? spectrumColor(plotGeneric.getCount(), 5) : magenta, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 1 ? Chart.POINT\_TRIANGLE : Chart.POINT\_NONE);  plotGeneric = ((Simulation) getEngine().getExperiment()).plotSugarPriceCost; plotGeneric.setFixedHorizontalScale(2003,currentYear); plotGeneric.addDataSet(ds\_priceSugar,"priceSugar (R$/tonne)",  plotGeneric.getCount() > 0 ? spectrumColor(plotGeneric.getCount(), 5) : blue, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 0 ? Chart.POINT\_CIRCLE : Chart.POINT\_NONE); plotGeneric.addDataSet(ds\_productionCostSugar,"productionCostSugar",  plotGeneric.getCount() > 1 ? spectrumColor(plotGeneric.getCount(), 5) : magenta, true, Chart.INTERPOLATION\_LINEAR,1, plotGeneric.getCount() > 1 ? Chart.POINT\_TRIANGLE : Chart.POINT\_NONE);  plotGeneric = ((Simulation) getEngine().getExperiment()).plotFractionAnhydrous; plotGeneric.setFixedHorizontalScale(2003,currentYear); plotGeneric.addDataSet(ds\_fractionAnhydrous,"fractionAnhydrous",  plotGeneric.getCount() > 0 ? spectrumColor(plotGeneric.getCount(), 5) : blue, true, Chart.INTERPOLATION\_LINEAR,1, Chart.POINT\_TRIANGLE);  plotGeneric = ((Simulation) getEngine().getExperiment()).plotEthanolSubsidies; plotGeneric.setFixedHorizontalScale(2003,currentYear); plotGeneric.addDataSet(ds\_ethanolSubsidies,"ethanolSubsidies",  plotGeneric.getCount() > 0 ? spectrumColor(plotGeneric.getCount(), 5) : blue, true, Chart.INTERPOLATION\_LINEAR,1, Chart.POINT\_TRIANGLE);  /\* for (int i=1; i<=numberPeriods+1; i++) { for (int j=1; j<=numberPeriods+1; j++){  outputXLS.createCell("Plan1", i, j); }} int k=1; outputXLS.setCellValue("Date", "Plan1", 1, k); k++; outputXLS.setCellValue("PriceBSKP", "Plan1", 1, k); k++; outputXLS.setCellValue("PriceBHKP", "Plan1", 1, k); k++; outputXLS.setCellValue("InvCoverageBHKP", "Plan1", 1, k); k++; outputXLS.setCellValue("ProductionBSKP", "Plan1", 1, k); k++; outputXLS.setCellValue("ProductionBHKP", "Plan1", 1, k); k++;  k=1; for (int i=0; i<numberPeriods; i++) {outputXLS.setCellValue((int)(startYear+floor(i/12))+"-"+(int)(i+1-12\*floor(i/12)), "Plan1", i+2, k);} k++; if (periodStartActualPrice < numberPeriods) {  for (int i=0; i<=numberPeriods-periodStartActualPrice; i++) {outputXLS.setCellValue(dsPriceBSKP.getY(i), "Plan1", i+1+periodStartActualPrice, k);} k++;   for (int i=0; i<=numberPeriods-periodStartActualPrice; i++) {outputXLS.setCellValue(dsPriceBHKP.getY(i), "Plan1", i+1+periodStartActualPrice, k);} k++; } else {  for (int i=0; i<numberPeriods; i++) {outputXLS.setCellValue(dsCorrectedPriceBSKP.getY(i), "Plan1", i+2, k);} k++;   for (int i=0; i<numberPeriods; i++) {outputXLS.setCellValue | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  |  | |  | | (dsCorrectedPriceBHKP.getY(i), "Plan1", i+2, k);} k++; } for (int i=0; i<numberPeriods; i++) {outputXLS.setCellValue(dsFluffPrice.getY(i), "Plan1", i+2, k);} k++; for (int i=0; i<numberPeriods; i++) {outputXLS.setCellValue(dsSBSKPrice.getY(i), "Plan1", i+2, k);} k++; for (int i=0; i<numberPeriods; i++) {outputXLS.setCellValue(dsInventoryBSKP.getY(i), "Plan1", i+2, k);} k++; for (int i=0; i<numberPeriods; i++) {outputXLS.setCellValue(dsInventoryBHKP.getY(i), "Plan1", i+2, k);} k++; for (int i=0; i<numberPeriods; i++) {outputXLS.setCellValue(dsShipmentRateBSKP.getY(i), "Plan1", i+2, k);} k++; for (int i=0; i<numberPeriods; i++) {outputXLS.setCellValue(dsShipmentRateBHKP.getY(i), "Plan1", i+2, k);} k++; for (int i=0; i<numberPeriods; i++) {outputXLS.setCellValue(dsProductionRateBSKP.getY(i), "Plan1", i+2, k);} k++; for (int i=0; i<numberPeriods; i++) {outputXLS.setCellValue(dsProductionRateBHKP.getY(i), "Plan1", i+2, k);} k++;  outputXLS.writeFile();  \*/  getEngine().getExperiment().stop(); | | | | | | | | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Table Function: tfOrderFulfillmentRatio | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | NEAREST | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.0 | | 0.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.2 | | 0.2 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.4 | | 0.4 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.6 | | 0.6 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.8 | | 0.8 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.0 | | 0.93 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.2 | | 0.98 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.4 | | 1.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.6 | | 1.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.8 | | 1.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 2.0 | | 1.0 | | | | |  | |  | |  | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Table Function: tfCapacityUtilizationFromMarkup | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Description: The higher the markup, the higher the capacity utilization in the industry. If prices get high enough compared to costs all the industry will be willing to use 100% of the installed capacity. When the markup gets lower than one, that is, prices are lower than variable cost, all the capacity starts closing down, but there is still some mills that remain operating because they have a very low cost compared to others or because they are slow to react. If the prices keep falling and get very low than all mills close down. | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | NEAREST | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.8 | | 0.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.95 | | 0.1 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.0 | | 0.55 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.1 | | 0.65 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.5 | | 0.85 | | | | |  | |  | |  | | |  | | |  |  |
|  | 2.0 | | 0.95 | | | | |  | |  | |  | | |  | | |  |  |
|  | 2.5 | | 1.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 3.0 | | 1.0 | | | | |  | |  | |  | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Table Function: tfEffectExpectedProfitLifeCapacity | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | NEAREST | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.0 | | 0.7 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.2 | | 0.73 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.4 | | 0.76 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.6 | | 0.82 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.8 | | 0.9 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.0 | | 1.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.2 | | 1.15 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.4 | | 1.32 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.6 | | 1.45 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.8 | | 1.56 | | | | |  | |  | |  | | |  | | |  |  |
|  | 2.0 | | 1.6 | | | | |  | |  | |  | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Table Function: tfEffectExpectedProfitDesiredCapital | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Description: Desired capital depends on the current capital and the long term expected profit for new investments. If the long run expected profit margin is bigger than 1 (total revenue higher than total costs), the desired capital is bigger than the current amount.  The desired amount grows with the expected profit in a non-linear relationship as defined by the function 'effExpectedProfitDesiredCapital' | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | NEAREST | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.0 | | 0.2 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.2 | | 0.25 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.4 | | 0.35 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.6 | | 0.5 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.8 | | 0.75 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.0 | | 1.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.2 | | 1.2 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.4 | | 1.4 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.6 | | 1.56 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.8 | | 1.65 | | | | |  | |  | |  | | |  | | |  |  |
|  | 2.0 | | 1.7 | | | | |  | |  | |  | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Table Function: tfShareOfGasolineInSales\_base | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | NEAREST | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.0 | | 0.93 | | | | |  | |  | |  | | |  | | |  |  |
|  | 12.0 | | 0.74 | | | | |  | |  | |  | | |  | | |  |  |
|  | 24.0 | | 0.45 | | | | |  | |  | |  | | |  | | |  |  |
|  | 36.0 | | 0.18 | | | | |  | |  | |  | | |  | | |  |  |
|  | 48.0 | | 0.11 | | | | |  | |  | |  | | |  | | |  |  |
|  | 60.0 | | 0.09 | | | | |  | |  | |  | | |  | | |  |  |
|  | 72.0 | | 0.08 | | | | |  | |  | |  | | |  | | |  |  |
|  | 84.0 | | 0.09 | | | | |  | |  | |  | | |  | | |  |  |
|  | 96.0 | | 0.12 | | | | |  | |  | |  | | |  | | |  |  |
|  | 108.0 | | 0.08 | | | | |  | |  | |  | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Table Function: tfYearlyChangePopulation | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | EXTRAPOLATE | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.0 | | 0.0131 | | | | |  | |  | |  | | |  | | |  |  |
|  | 12.0 | | 0.0123 | | | | |  | |  | |  | | |  | | |  |  |
|  | 24.0 | | 0.0115 | | | | |  | |  | |  | | |  | | |  |  |
|  | 36.0 | | 0.0106 | | | | |  | |  | |  | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 48.0 | | 0.0098 | | | | |  | |  | |  | | |  | | |  |  |
|  | 60.0 | | 0.0092 | | | | |  | |  | |  | | |  | | |  |  |
|  | 72.0 | | 0.0089 | | | | |  | |  | |  | | |  | | |  |  |
|  | 84.0 | | 0.0088 | | | | |  | |  | |  | | |  | | |  |  |
|  | 96.0 | | 0.0086 | | | | |  | |  | |  | | |  | | |  |  |
|  | 108.0 | | 0.0084 | | | | |  | |  | |  | | |  | | |  |  |
|  | 120.0 | | 0.0083 | | | | |  | |  | |  | | |  | | |  |  |
|  | 132.0 | | 0.0081 | | | | |  | |  | |  | | |  | | |  |  |
|  | 144.0 | | 0.0079 | | | | |  | |  | |  | | |  | | |  |  |
|  | 156.0 | | 0.0078 | | | | |  | |  | |  | | |  | | |  |  |
|  | 168.0 | | 0.0076 | | | | |  | |  | |  | | |  | | |  |  |
|  | 180.0 | | 0.0074 | | | | |  | |  | |  | | |  | | |  |  |
|  | 192.0 | | 0.0073 | | | | |  | |  | |  | | |  | | |  |  |
|  | 204.0 | | 0.0071 | | | | |  | |  | |  | | |  | | |  |  |
|  | 216.0 | | 0.0069 | | | | |  | |  | |  | | |  | | |  |  |
|  | 228.0 | | 0.0068 | | | | |  | |  | |  | | |  | | |  |  |
|  | 240.0 | | 0.0066 | | | | |  | |  | |  | | |  | | |  |  |
|  | 252.0 | | 0.0064 | | | | |  | |  | |  | | |  | | |  |  |
|  | 264.0 | | 0.0063 | | | | |  | |  | |  | | |  | | |  |  |
|  | 276.0 | | 0.0061 | | | | |  | |  | |  | | |  | | |  |  |
|  | 288.0 | | 0.0059 | | | | |  | |  | |  | | |  | | |  |  |
|  | 300.0 | | 0.0058 | | | | |  | |  | |  | | |  | | |  |  |
|  | 312.0 | | 0.0056 | | | | |  | |  | |  | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Table Function: tfEffectPriceRatioOnPreference\_old | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Description: If the price per Km for Ethanol grows bigger than for gasoline, users who still prefer Ethanol will start shifting with time. The model assumes a slight bias towards ethanol: if the prices are the same more consumers will prefer ethanol over gasoline. | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | NEAREST | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.0 | | 0.75 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.1 | | 0.75 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.2 | | 0.75 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.3 | | 0.75 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.4 | | 0.75 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.5 | | 0.74 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.6 | | 0.73 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.7 | | 0.71 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.8 | | 0.67 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.9 | | 0.62 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.0 | | 0.55 | | | | |  | |  | |  | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.1 | | 0.45 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.2 | | 0.37 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.3 | | 0.31 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.4 | | 0.26 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.5 | | 0.23 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.6 | | 0.21 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.7 | | 0.2 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.8 | | 0.2 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.9 | | 0.2 | | | | |  | |  | |  | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Table Function: tfPlantingSeazonality | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Description: How producers distribute planting throughout the year (CONAB, 2010). | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | ERROR | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | year/time | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.0 | | 0.054 | | | | |  | |  | |  | | |  | | |  |  |
|  | 2.0 | | 0.146 | | | | |  | |  | |  | | |  | | |  |  |
|  | 3.0 | | 0.222 | | | | |  | |  | |  | | |  | | |  |  |
|  | 4.0 | | 0.155 | | | | |  | |  | |  | | |  | | |  |  |
|  | 5.0 | | 0.091 | | | | |  | |  | |  | | |  | | |  |  |
|  | 6.0 | | 0.065 | | | | |  | |  | |  | | |  | | |  |  |
|  | 7.0 | | 0.051 | | | | |  | |  | |  | | |  | | |  |  |
|  | 8.0 | | 0.051 | | | | |  | |  | |  | | |  | | |  |  |
|  | 9.0 | | 0.045 | | | | |  | |  | |  | | |  | | |  |  |
|  | 10.0 | | 0.045 | | | | |  | |  | |  | | |  | | |  |  |
|  | 11.0 | | 0.045 | | | | |  | |  | |  | | |  | | |  |  |
|  | 12.0 | | 0.03 | | | | |  | |  | |  | | |  | | |  |  |
|  | 13.0 | | 0.054 | | | | |  | |  | |  | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Table Function: tfEffectProfitOnRenovation | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Description: The model assumes that producers will only renovate the old crops if the recent profits have been possitive. Otherwise they will be short on funds and a budget constraint will prevent part of the renovation. | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | NEAREST | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.0 | | 0.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.2 | | 0.02 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.4 | | 0.1 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.6 | | 0.25 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.8 | | 0.45 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.0 | | 0.75 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.2 | | 0.95 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.4 | | 1.0 | | | | |  | |  | |  | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Table Function: tfDemandSugar | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | SPLINE | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | NEAREST | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | tonSugar/time | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.0 | | 1865111.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 2.0 | | 1903848.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 3.0 | | 1942047.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 4.0 | | 1979170.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 5.0 | | 2014679.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 6.0 | | 2048036.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 7.0 | | 2078703.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 8.0 | | 2106245.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 9.0 | | 2130641.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 10.0 | | 2151970.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 11.0 | | 2170315.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 12.0 | | 2185756.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 13.0 | | 2198374.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 14.0 | | 2208250.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 15.0 | | 2215466.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 16.0 | | 2220101.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 17.0 | | 2222238.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 18.0 | | 2221957.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 19.0 | | 2219340.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 20.0 | | 2214553.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 21.0 | | 2208111.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 22.0 | | 2200612.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 23.0 | | 2192656.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 24.0 | | 2184843.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 25.0 | | 2177774.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 26.0 | | 2172046.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 27.0 | | 2168261.0 | | | | |  | |  | |  | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
|  |  | |  | | |  | |  | |  | |  | | | | | |  |  |
|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 28.0 | | 2167017.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 29.0 | | 2168915.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 30.0 | | 2174553.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 31.0 | | 2184533.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 32.0 | | 2199238.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 33.0 | | 2218196.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 34.0 | | 2240717.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 35.0 | | 2266114.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 36.0 | | 2293697.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 37.0 | | 2322780.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 38.0 | | 2352673.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 39.0 | | 2382688.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 40.0 | | 2412137.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 41.0 | | 2440331.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 42.0 | | 2466583.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 43.0 | | 2490203.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 44.0 | | 2510659.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 45.0 | | 2528036.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 46.0 | | 2542576.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 47.0 | | 2554519.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 48.0 | | 2564107.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 49.0 | | 2571580.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 50.0 | | 2577180.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 51.0 | | 2581148.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 52.0 | | 2583724.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 53.0 | | 2585149.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 54.0 | | 2585666.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 55.0 | | 2585514.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 56.0 | | 2584916.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 57.0 | | 2584022.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 58.0 | | 2582961.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 59.0 | | 2581864.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 60.0 | | 2580861.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 61.0 | | 2580082.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 62.0 | | 2579659.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 63.0 | | 2579722.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 64.0 | | 2580400.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 65.0 | | 2581824.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 66.0 | | 2584126.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 67.0 | | 2587434.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 68.0 | | 2591882.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 69.0 | | 2597608.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 70.0 | | 2604753.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 71.0 | | 2613460.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 72.0 | | 2623868.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 73.0 | | 2636118.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 74.0 | | 2650353.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 75.0 | | 2666712.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 76.0 | | 2685337.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 77.0 | | 2706369.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 78.0 | | 2729948.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 79.0 | | 2756217.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 80.0 | | 2785228.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 81.0 | | 2816682.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 82.0 | | 2850195.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 83.0 | | 2885379.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 84.0 | | 2921848.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 85.0 | | 2959217.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 86.0 | | 2997100.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 87.0 | | 3035110.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 88.0 | | 3072861.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 89.0 | | 3109967.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 90.0 | | 3146042.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 91.0 | | 3180700.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 92.0 | | 3213644.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 93.0 | | 3244936.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 94.0 | | 3274725.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 95.0 | | 3303161.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 96.0 | | 3330396.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 97.0 | | 3356578.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 98.0 | | 3381859.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 99.0 | | 3406389.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 100.0 | | 3430318.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 101.0 | | 3453796.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 102.0 | | 3476973.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 103.0 | | 3468419.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 104.0 | | 3476973.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 105.0 | | 3485548.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 106.0 | | 3494144.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 107.0 | | 3502762.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 108.0 | | 3511401.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 109.0 | | 3520061.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 110.0 | | 3528742.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 111.0 | | 3537445.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 112.0 | | 3546169.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 113.0 | | 3554915.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 114.0 | | 3563682.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 115.0 | | 3572471.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 116.0 | | 3581282.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 117.0 | | 3590115.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 118.0 | | 3598969.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 119.0 | | 3607845.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 120.0 | | 3616743.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 121.0 | | 3625663.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 122.0 | | 3634604.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 123.0 | | 3643568.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 124.0 | | 3652554.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 125.0 | | 3661562.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 126.0 | | 3670593.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 127.0 | | 3679646.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 128.0 | | 3688721.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 129.0 | | 3697818.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 130.0 | | 3706938.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 131.0 | | 3716080.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 132.0 | | 3725245.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 133.0 | | 3734432.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 134.0 | | 3743643.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 135.0 | | 3752875.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 136.0 | | 3762131.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 137.0 | | 3771409.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 138.0 | | 3780711.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 139.0 | | 3790035.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 140.0 | | 3799382.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 141.0 | | 3808752.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 142.0 | | 3818146.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 143.0 | | 3827562.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 144.0 | | 3837002.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 145.0 | | 3846465.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 146.0 | | 3855952.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 147.0 | | 3865462.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 148.0 | | 3874995.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 149.0 | | 3884552.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 150.0 | | 3894132.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 151.0 | | 3903736.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 152.0 | | 3913364.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 153.0 | | 3923015.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 154.0 | | 3932690.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 155.0 | | 3942389.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 156.0 | | 3952112.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 157.0 | | 3961859.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 158.0 | | 3971630.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 159.0 | | 3981425.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 160.0 | | 3991245.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 161.0 | | 4001088.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 162.0 | | 4010956.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 163.0 | | 4020848.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 164.0 | | 4030765.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 165.0 | | 4040706.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 166.0 | | 4050671.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 167.0 | | 4060661.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 168.0 | | 4070676.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 169.0 | | 4080715.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 170.0 | | 4090779.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 171.0 | | 4100868.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 172.0 | | 4110982.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 173.0 | | 4121121.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 174.0 | | 4131285.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 175.0 | | 4141473.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 176.0 | | 4151687.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 177.0 | | 4161927.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 178.0 | | 4172191.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 179.0 | | 4182481.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 180.0 | | 4192796.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 181.0 | | 4203137.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 182.0 | | 4213503.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 183.0 | | 4223894.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 184.0 | | 4234312.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 185.0 | | 4244754.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 186.0 | | 4255223.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 187.0 | | 4265718.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 188.0 | | 4276238.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 189.0 | | 4286784.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 190.0 | | 4297357.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 191.0 | | 4307955.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 192.0 | | 4318580.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 193.0 | | 4329231.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 194.0 | | 4339908.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 195.0 | | 4350611.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 196.0 | | 4361341.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 197.0 | | 4372097.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 198.0 | | 4382880.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 199.0 | | 4393689.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 200.0 | | 4404525.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 201.0 | | 4415388.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 202.0 | | 4426278.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 203.0 | | 4437194.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 204.0 | | 4448137.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 205.0 | | 4459108.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 206.0 | | 4470105.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 207.0 | | 4481129.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 208.0 | | 4492181.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 209.0 | | 4503260.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 210.0 | | 4514366.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 211.0 | | 4525500.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 212.0 | | 4536661.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 213.0 | | 4547850.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 214.0 | | 4559066.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 215.0 | | 4570310.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 216.0 | | 4581581.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 217.0 | | 4592881.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 218.0 | | 4604208.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 219.0 | | 4615563.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 220.0 | | 4626947.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 221.0 | | 4638358.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 222.0 | | 4649797.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 223.0 | | 4661265.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 224.0 | | 4672761.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 225.0 | | 4684285.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 226.0 | | 4695838.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 227.0 | | 4707419.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 228.0 | | 4719029.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 229.0 | | 4730667.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 230.0 | | 4742334.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 231.0 | | 4754030.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 232.0 | | 4765755.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 233.0 | | 4777509.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 234.0 | | 4789291.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 235.0 | | 4801103.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 236.0 | | 4812944.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 237.0 | | 4824814.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 238.0 | | 4836713.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 239.0 | | 4848642.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 240.0 | | 4860600.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 241.0 | | 4872587.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 242.0 | | 4884604.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 243.0 | | 4896651.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 244.0 | | 4908728.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 245.0 | | 4920834.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 246.0 | | 4932970.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 247.0 | | 4945136.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 248.0 | | 4957332.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 249.0 | | 4969558.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 250.0 | | 4981814.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 251.0 | | 4994101.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 252.0 | | 5006418.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 253.0 | | 5018765.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 254.0 | | 5031142.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 255.0 | | 5043551.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 256.0 | | 5055989.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 257.0 | | 5068459.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 258.0 | | 5080959.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 259.0 | | 5093490.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 260.0 | | 5106052.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 261.0 | | 5118645.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 262.0 | | 5131269.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 263.0 | | 5143924.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 264.0 | | 5156610.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 265.0 | | 5169328.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 266.0 | | 5182077.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 267.0 | | 5194857.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 268.0 | | 5207669.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 269.0 | | 5220513.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 270.0 | | 5233388.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 271.0 | | 5246295.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 272.0 | | 5259234.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 273.0 | | 5272204.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 274.0 | | 5285207.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 275.0 | | 5298242.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 276.0 | | 5311309.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 277.0 | | 5324408.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 278.0 | | 5337539.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 279.0 | | 5350703.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 280.0 | | 5363899.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 281.0 | | 5377128.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 282.0 | | 5390389.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 283.0 | | 5403684.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 284.0 | | 5417011.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 285.0 | | 5430370.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 286.0 | | 5443763.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 287.0 | | 5457189.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 288.0 | | 5470648.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 289.0 | | 5484140.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 290.0 | | 5497665.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 291.0 | | 5511224.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 292.0 | | 5524816.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 293.0 | | 5538442.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 294.0 | | 5552101.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 295.0 | | 5565794.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 296.0 | | 5579521.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 297.0 | | 5593281.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 298.0 | | 5607076.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 299.0 | | 5620905.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 300.0 | | 5634767.0 | | | | |  | |  | |  | | |  | | |  |  |
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|  | Table Function: tfNetExports\_base | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | SPLINE | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | NEAREST | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | m3/time | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.0 | | 54150.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 2.0 | | 68803.0 | | | | |  | |  | |  | | |  | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 3.0 | | 83328.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 4.0 | | 97597.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 5.0 | | 111482.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 6.0 | | 124855.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 7.0 | | 137588.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 8.0 | | 149554.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 9.0 | | 160623.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 10.0 | | 170669.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 11.0 | | 179563.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 12.0 | | 187177.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 13.0 | | 193383.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 14.0 | | 198114.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 15.0 | | 201544.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 16.0 | | 203908.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 17.0 | | 205442.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 18.0 | | 206379.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 19.0 | | 206955.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 20.0 | | 207405.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 21.0 | | 207963.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 22.0 | | 208865.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 23.0 | | 210346.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 24.0 | | 212640.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 25.0 | | 215983.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 26.0 | | 220529.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 27.0 | | 226116.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 28.0 | | 232500.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 29.0 | | 239439.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 30.0 | | 246688.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 31.0 | | 254006.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 32.0 | | 261150.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 33.0 | | 267876.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 34.0 | | 273941.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 35.0 | | 279102.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 36.0 | | 283117.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 37.0 | | 285742.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 38.0 | | 286835.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 39.0 | | 286657.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 40.0 | | 285568.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 41.0 | | 283930.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 42.0 | | 282103.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 43.0 | | 280450.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 44.0 | | 279331.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 45.0 | | 279108.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 46.0 | | 280140.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 47.0 | | 282791.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 48.0 | | 287420.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 49.0 | | 294389.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 50.0 | | 303906.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 51.0 | | 315564.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 52.0 | | 328804.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 53.0 | | 343067.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 54.0 | | 357793.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 55.0 | | 372423.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 56.0 | | 386397.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 57.0 | | 399155.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 58.0 | | 410139.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 59.0 | | 418788.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 60.0 | | 424543.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 61.0 | | 426845.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 62.0 | | 425304.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 63.0 | | 420213.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 64.0 | | 412034.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 65.0 | | 401228.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 66.0 | | 388258.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 67.0 | | 373586.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 68.0 | | 357675.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 69.0 | | 340986.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 70.0 | | 323981.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 71.0 | | 307124.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 72.0 | | 290876.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 73.0 | | 275699.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 74.0 | | 261944.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 75.0 | | 249514.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 76.0 | | 238203.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 77.0 | | 227800.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 78.0 | | 218100.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 79.0 | | 208894.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 80.0 | | 199974.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 81.0 | | 191132.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 82.0 | | 182160.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 83.0 | | 172851.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 84.0 | | 162996.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 85.0 | | 152387.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 86.0 | | 140902.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 87.0 | | 128758.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 88.0 | | 116256.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 89.0 | | 103700.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 90.0 | | 91389.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 91.0 | | 79628.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 92.0 | | 68718.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 93.0 | | 58960.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 94.0 | | 50658.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 95.0 | | 44112.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 96.0 | | 39626.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 97.0 | | 37500.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 98.0 | | 37950.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 99.0 | | 40841.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 100.0 | | 45952.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 101.0 | | 53060.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 102.0 | | 61943.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 103.0 | | 72380.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 104.0 | | 84148.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 105.0 | | 97026.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 106.0 | | 110791.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 107.0 | | 125223.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 108.0 | | 140098.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 109.0 | | 155195.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 110.0 | | 155195.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 111.0 | | 222220.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 112.0 | | 225420.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 113.0 | | 228606.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 114.0 | | 231756.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 115.0 | | 234843.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 116.0 | | 237845.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 117.0 | | 240741.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 118.0 | | 243508.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 119.0 | | 246131.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 120.0 | | 248592.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 121.0 | | 250879.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 122.0 | | 252983.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 123.0 | | 254896.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 124.0 | | 256616.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 125.0 | | 258144.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 126.0 | | 259483.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 127.0 | | 260641.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 128.0 | | 261630.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 129.0 | | 262464.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 130.0 | | 263160.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 131.0 | | 263741.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 132.0 | | 264228.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 133.0 | | 264649.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 134.0 | | 265030.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 135.0 | | 265399.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 136.0 | | 265789.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 137.0 | | 266227.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 138.0 | | 266745.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 139.0 | | 267373.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 140.0 | | 268138.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 141.0 | | 269068.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 142.0 | | 270187.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 143.0 | | 271518.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 144.0 | | 273080.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 145.0 | | 274889.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 146.0 | | 276956.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 147.0 | | 279290.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 148.0 | | 281895.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 149.0 | | 284771.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 150.0 | | 287912.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 151.0 | | 291310.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 152.0 | | 294952.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 153.0 | | 298819.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 154.0 | | 302891.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 155.0 | | 307143.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 156.0 | | 311547.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 157.0 | | 316072.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 158.0 | | 320686.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 159.0 | | 325353.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 160.0 | | 330037.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 161.0 | | 334703.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 162.0 | | 339313.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 163.0 | | 343834.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 164.0 | | 348229.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 165.0 | | 352468.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 166.0 | | 356521.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 167.0 | | 360360.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 168.0 | | 363963.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 169.0 | | 367312.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 170.0 | | 370392.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 171.0 | | 373193.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 172.0 | | 375712.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 173.0 | | 377949.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 174.0 | | 379909.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 175.0 | | 381605.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 176.0 | | 383052.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 177.0 | | 384273.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 178.0 | | 385293.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 179.0 | | 386143.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 180.0 | | 386857.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 181.0 | | 387472.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 182.0 | | 388030.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 183.0 | | 388571.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 184.0 | | 389141.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 185.0 | | 389783.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 186.0 | | 390542.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 187.0 | | 391460.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 188.0 | | 392581.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 189.0 | | 393942.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 190.0 | | 395581.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 191.0 | | 397530.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 192.0 | | 399816.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 193.0 | | 402464.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 194.0 | | 405491.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 195.0 | | 408909.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 196.0 | | 412723.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 197.0 | | 416933.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 198.0 | | 421532.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 199.0 | | 426507.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 200.0 | | 431839.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 201.0 | | 437501.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 202.0 | | 443463.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 203.0 | | 449689.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 204.0 | | 456136.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 205.0 | | 462762.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 206.0 | | 469516.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 207.0 | | 476349.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 208.0 | | 483207.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 209.0 | | 490038.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 210.0 | | 496789.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 211.0 | | 503407.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 212.0 | | 509843.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 213.0 | | 516049.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 214.0 | | 521982.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 215.0 | | 527603.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 216.0 | | 532879.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 217.0 | | 537782.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 218.0 | | 542291.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 219.0 | | 546393.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 220.0 | | 550080.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 221.0 | | 553355.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 222.0 | | 556225.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 223.0 | | 558708.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 224.0 | | 560827.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 225.0 | | 562614.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 226.0 | | 564108.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 227.0 | | 565352.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 228.0 | | 566397.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 229.0 | | 567298.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 230.0 | | 568114.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 231.0 | | 568907.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 232.0 | | 569741.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 233.0 | | 570681.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 234.0 | | 571792.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 235.0 | | 573137.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 236.0 | | 574777.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 237.0 | | 576771.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 238.0 | | 579170.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 239.0 | | 582023.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 240.0 | | 585371.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 241.0 | | 589248.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 242.0 | | 593679.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 243.0 | | 598683.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 244.0 | | 604267.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 245.0 | | 610431.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 246.0 | | 617165.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 247.0 | | 624449.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 248.0 | | 632255.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 249.0 | | 640545.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 250.0 | | 649274.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 251.0 | | 658389.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 252.0 | | 667829.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 253.0 | | 677529.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 254.0 | | 687418.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 255.0 | | 697422.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 256.0 | | 707464.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 257.0 | | 717465.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 258.0 | | 727349.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 259.0 | | 737038.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 260.0 | | 746461.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 261.0 | | 755547.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 262.0 | | 764233.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 263.0 | | 772463.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 264.0 | | 780188.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 265.0 | | 787366.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 266.0 | | 793968.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 267.0 | | 799973.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 268.0 | | 805372.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 269.0 | | 810166.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 270.0 | | 814369.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 271.0 | | 818004.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 272.0 | | 821107.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 273.0 | | 823723.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 274.0 | | 825910.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 275.0 | | 827732.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 276.0 | | 829262.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 277.0 | | 830581.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 278.0 | | 831776.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 279.0 | | 832937.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 280.0 | | 834158.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 281.0 | | 835534.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 282.0 | | 837160.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 283.0 | | 839130.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 284.0 | | 841531.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 285.0 | | 844450.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 286.0 | | 847963.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 287.0 | | 852140.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 288.0 | | 857042.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 289.0 | | 862718.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 290.0 | | 869206.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 291.0 | | 876532.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 292.0 | | 884708.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 293.0 | | 893732.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 294.0 | | 903591.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 295.0 | | 914256.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 296.0 | | 925684.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 297.0 | | 937822.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 298.0 | | 950602.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 299.0 | | 963947.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 300.0 | | 977769.0 | | | | |  | |  | |  | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Table Function: tfHarvestSeazonality | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Description: How producers distribute the harvest throughout the year (CONAB, 2010). In the central/south part of the country most harvesting is done from April to November (dry season). In the north most is done from Sep to Feb. This function represents the average for Brazil. | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | ERROR | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | year/time | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.0 | | 0.048 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.0 | | 0.021 | | | | |  | |  | |  | | |  | | |  |  |
|  | 2.0 | | 0.014 | | | | |  | |  | |  | | |  | | |  |  |
|  | 3.0 | | 0.011 | | | | |  | |  | |  | | |  | | |  |  |
|  | 4.0 | | 0.046 | | | | |  | |  | |  | | |  | | |  |  |
|  | 5.0 | | 0.103 | | | | |  | |  | |  | | |  | | |  |  |
|  | 6.0 | | 0.118 | | | | |  | |  | |  | | |  | | |  |  |
|  | 7.0 | | 0.129 | | | | |  | |  | |  | | |  | | |  |  |
|  | 8.0 | | 0.132 | | | | |  | |  | |  | | |  | | |  |  |
|  | 9.0 | | 0.137 | | | | |  | |  | |  | | |  | | |  |  |
|  | 10.0 | | 0.132 | | | | |  | |  | |  | | |  | | |  |  |
|  | 11.0 | | 0.109 | | | | |  | |  | |  | | |  | | |  |  |
|  | 12.0 | | 0.048 | | | | |  | |  | |  | | |  | | |  |  |
|  | 13.0 | | 0.021 | | | | |  | |  | |  | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Table Function: tfSeasonalityInvCoverage | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Description: Seasonal factor for the inventory coverage. The market expects a high coverage at the end of the harvest and a proportionately smaller one at the beginning of the next harvest. | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | ERROR | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.0 | | 1.6488 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.5 | | 1.45331 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.0 | | 1.24712 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.5 | | 1.03332 | | | | |  | |  | |  | | |  | | |  |  |
|  | 2.0 | | 0.81493 | | | | |  | |  | |  | | |  | | |  |  |
|  | 2.5 | | 0.6209 | | | | |  | |  | |  | | |  | | |  |  |
|  | 3.0 | | 0.48025 | | | | |  | |  | |  | | |  | | |  |  |
|  | 3.5 | | 0.40975 | | | | |  | |  | |  | | |  | | |  |  |
|  | 4.0 | | 0.42617 | | | | |  | |  | |  | | |  | | |  |  |
|  | 4.5 | | 0.49759 | | | | |  | |  | |  | | |  | | |  |  |
|  | 5.0 | | 0.5919 | | | | |  | |  | |  | | |  | | |  |  |
|  | 5.5 | | 0.70603 | | | | |  | |  | |  | | |  | | |  |  |
|  | 6.0 | | 0.83695 | | | | |  | |  | |  | | |  | | |  |  |
|  | 6.5 | | 0.97854 | | | | |  | |  | |  | | |  | | |  |  |
|  | 7.0 | | 1.12473 | | | | |  | |  | |  | | |  | | |  |  |
|  | 7.5 | | 1.27702 | | | | |  | |  | |  | | |  | | |  |  |
|  | 8.0 | | 1.43692 | | | | |  | |  | |  | | |  | | |  |  |
|  | 8.5 | | 1.59685 | | | | |  | |  | |  | | |  | | |  |  |
|  | 9.0 | | 1.74914 | | | | |  | |  | |  | | |  | | |  |  |
|  | 9.5 | | 1.8801 | | | | |  | |  | |  | | |  | | |  |  |
|  | 10.0 | | 1.97598 | | | | |  | |  | |  | | |  | | |  |  |
|  | 10.5 | | 2.00786 | | | | |  | |  | |  | | |  | | |  |  |
|  | 11.0 | | 1.94668 | | | | |  | |  | |  | | |  | | |  |  |
|  | 11.5 | | 1.81834 | | | | |  | |  | |  | | |  | | |  |  |
|  | 12.0 | | 1.6488 | | | | |  | |  | |  | | |  | | |  |  |
|  | 12.5 | | 1.45331 | | | | |  | |  | |  | | |  | | |  |  |
|  | 13.0 | | 1.24712 | | | | |  | |  | |  | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Table Function: tfEffectPriceRatioOnPreference | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Description: If the price per Km for Ethanol grows bigger than for gasoline, users who still prefer Ethanol will start shifting with time. The model assumes a slight bias towards ethanol: if the prices are the same more consumers will prefer ethanol over gasoline. | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | NEAREST | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.0 | | 1.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.1 | | 0.99 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.2 | | 0.96 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.3 | | 0.93 | | | | |  | |  | |  | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.4 | | 0.89 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.5 | | 0.84 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.6 | | 0.8 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.7 | | 0.74 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.8 | | 0.68 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.9 | | 0.62 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.0 | | 0.55 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.1 | | 0.48 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.2 | | 0.4 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.3 | | 0.33 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.4 | | 0.26 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.5 | | 0.21 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.6 | | 0.16 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.7 | | 0.11 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.8 | | 0.07 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.9 | | 0.03 | | | | |  | |  | |  | | |  | | |  |  |
|  | 2.0 | | 0.0 | | | | |  | |  | |  | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Table Function: tfFractionAnhydrous\_base | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | NEAREST | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.0 | | 0.25 | | | | |  | |  | |  | | |  | | |  |  |
|  | 2.0 | | 0.25 | | | | |  | |  | |  | | |  | | |  |  |
|  | 3.0 | | 0.25 | | | | |  | |  | |  | | |  | | |  |  |
|  | 4.0 | | 0.25 | | | | |  | |  | |  | | |  | | |  |  |
|  | 5.0 | | 0.25 | | | | |  | |  | |  | | |  | | |  |  |
|  | 6.0 | | 0.25 | | | | |  | |  | |  | | |  | | |  |  |
|  | 7.0 | | 0.25 | | | | |  | |  | |  | | |  | | |  |  |
|  | 8.0 | | 0.25 | | | | |  | |  | |  | | |  | | |  |  |
|  | 9.0 | | 0.25 | | | | |  | |  | |  | | |  | | |  |  |
|  | 10.0 | | 0.25 | | | | |  | |  | |  | | |  | | |  |  |
|  | 11.0 | | 0.25 | | | | |  | |  | |  | | |  | | |  |  |
|  | 12.0 | | 0.25 | | | | |  | |  | |  | | |  | | |  |  |
|  | 13.0 | | 0.25 | | | | |  | |  | |  | | |  | | |  |  |
|  | 14.0 | | 0.25 | | | | |  | |  | |  | | |  | | |  |  |
|  | 15.0 | | 0.25 | | | | |  | |  | |  | | |  | | |  |  |
|  | 16.0 | | 0.25 | | | | |  | |  | |  | | |  | | |  |  |
|  | 17.0 | | 0.25 | | | | |  | |  | |  | | |  | | |  |  |
|  | 18.0 | | 0.25 | | | | |  | |  | |  | | |  | | |  |  |
|  | 19.0 | | 0.25 | | | | |  | |  | |  | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
|  |  | |  | | |  | |  | |  | |  | | | | | |  |  |
|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 20.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 21.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 22.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 23.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 24.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 25.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 26.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 27.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 28.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 29.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 30.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 31.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 32.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 33.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 34.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 35.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 36.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 37.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 38.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 39.0 | | 0.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 40.0 | | 0.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 41.0 | | 0.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 42.0 | | 0.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 43.0 | | 0.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 44.0 | | 0.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 45.0 | | 0.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 46.0 | | 0.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 47.0 | | 0.22 | | | | |  | |  | |  | | | | | |  |  |
|  | 48.0 | | 0.23 | | | | |  | |  | |  | | | | | |  |  |
|  | 49.0 | | 0.23 | | | | |  | |  | |  | | | | | |  |  |
|  | 50.0 | | 0.23 | | | | |  | |  | |  | | | | | |  |  |
|  | 51.0 | | 0.23 | | | | |  | |  | |  | | | | | |  |  |
|  | 52.0 | | 0.23 | | | | |  | |  | |  | | | | | |  |  |
|  | 53.0 | | 0.23 | | | | |  | |  | |  | | | | | |  |  |
|  | 54.0 | | 0.23 | | | | |  | |  | |  | | | | | |  |  |
|  | 55.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 56.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 57.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 58.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 59.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 60.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 61.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 62.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 63.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 64.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 65.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 66.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 67.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 68.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 69.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 70.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 71.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 72.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 73.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 74.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 75.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 76.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 77.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 78.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 79.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 80.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 81.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 82.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 83.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 84.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 85.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 86.0 | | 0.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 87.0 | | 0.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 88.0 | | 0.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 89.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 90.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 91.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 92.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 93.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 94.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 95.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 96.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 97.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 98.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 99.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 100.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 101.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 102.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 103.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 104.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 105.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 106.0 | | 0.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 107.0 | | 0.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 108.0 | | 0.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 109.0 | | 0.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 110.0 | | 0.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 111.0 | | 0.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 112.0 | | 0.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 113.0 | | 0.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 114.0 | | 0.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 115.0 | | 0.25 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 116.0 | | 0.25 | | | | |  | |  | |  | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Table Function: tfInputDemandHydrous | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | NEAREST | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.0 | | 311383.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 2.0 | | 245169.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 3.0 | | 236819.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 4.0 | | 237013.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 5.0 | | 240526.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 6.0 | | 224405.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 7.0 | | 269250.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 8.0 | | 248127.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 9.0 | | 251868.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 10.0 | | 299343.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 11.0 | | 281154.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 12.0 | | 400265.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 13.0 | | 339806.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 14.0 | | 320650.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 15.0 | | 380618.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 16.0 | | 371601.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 17.0 | | 395185.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 18.0 | | 367283.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 19.0 | | 418631.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 20.0 | | 347228.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 21.0 | | 375858.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 22.0 | | 388805.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 23.0 | | 374274.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 24.0 | | 432988.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 25.0 | | 347509.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 26.0 | | 320373.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 27.0 | | 355718.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 28.0 | | 340473.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 29.0 | | 361112.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 30.0 | | 369530.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 31.0 | | 371124.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 32.0 | | 407609.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 33.0 | | 445284.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 34.0 | | 408761.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 35.0 | | 427193.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 36.0 | | 512537.0 | | | | |  | |  | |  | | |  | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 37.0 | | 495711.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 38.0 | | 474549.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 39.0 | | 424645.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 40.0 | | 390737.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 41.0 | | 474446.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 42.0 | | 484036.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 43.0 | | 513376.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 44.0 | | 537207.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 45.0 | | 566178.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 46.0 | | 568983.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 47.0 | | 584201.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 48.0 | | 672484.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 49.0 | | 634521.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 50.0 | | 580580.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 51.0 | | 697903.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 52.0 | | 645851.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 53.0 | | 671354.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 54.0 | | 708819.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 55.0 | | 761091.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 56.0 | | 836187.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 57.0 | | 819240.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 58.0 | | 992144.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 59.0 | | 978165.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 60.0 | | 1040980.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 61.0 | | 961625.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 62.0 | | 942034.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 63.0 | | 1004126.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 64.0 | | 1058396.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 65.0 | | 1065803.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 66.0 | | 1045669.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 67.0 | | 1119516.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 68.0 | | 1127145.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 69.0 | | 1196717.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 70.0 | | 1231555.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 71.0 | | 1167380.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 72.0 | | 1370131.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 73.0 | | 1252623.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 74.0 | | 1172274.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 75.0 | | 1313564.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 76.0 | | 1387202.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 77.0 | | 1313498.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 78.0 | | 1371581.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 79.0 | | 1447731.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 80.0 | | 1408877.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 81.0 | | 1501346.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 82.0 | | 1500497.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 83.0 | | 1292756.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 84.0 | | 1509001.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 85.0 | | 979038.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 86.0 | | 804779.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 87.0 | | 1084078.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 88.0 | | 1223933.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 89.0 | | 1318471.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 90.0 | | 1343949.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 91.0 | | 1419920.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 92.0 | | 1390214.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 93.0 | | 1420724.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 94.0 | | 1345288.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 95.0 | | 1310311.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 96.0 | | 1433596.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 97.0 | | 1133969.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 98.0 | | 1064204.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 99.0 | | 778216.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 100.0 | | 524309.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 101.0 | | 886482.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 102.0 | | 1023657.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 103.0 | | 939615.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 104.0 | | 989013.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 105.0 | | 839264.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 106.0 | | 872426.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 107.0 | | 817755.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 108.0 | | 849310.0 | | | | |  | |  | |  | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Table Function: tfInputDemandAnhydrous | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | NEAREST | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.0 | | 479114.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 2.0 | | 420407.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 3.0 | | 365837.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 4.0 | | 363007.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 5.0 | | 392213.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 6.0 | | 423153.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 7.0 | | 400039.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 8.0 | | 432295.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 9.0 | | 414009.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 10.0 | | 422414.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 11.0 | | 456824.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 12.0 | | 418572.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 13.0 | | 503081.0 | | | | |  | |  | |  | | |  | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 14.0 | | 433201.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 15.0 | | 400755.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 16.0 | | 444791.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 17.0 | | 454564.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 18.0 | | 420226.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 19.0 | | 422219.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 20.0 | | 455416.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 21.0 | | 446567.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 22.0 | | 462926.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 23.0 | | 446854.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 24.0 | | 431590.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 25.0 | | 510884.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 26.0 | | 424099.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 27.0 | | 415305.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 28.0 | | 474453.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 29.0 | | 441019.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 30.0 | | 451646.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 31.0 | | 450059.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 32.0 | | 446379.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 33.0 | | 472313.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 34.0 | | 456524.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 35.0 | | 430963.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 36.0 | | 441670.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 37.0 | | 512871.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 38.0 | | 443177.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 39.0 | | 431236.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 40.0 | | 469282.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 41.0 | | 448034.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 42.0 | | 461654.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 43.0 | | 444858.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 44.0 | | 443579.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 45.0 | | 474453.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 46.0 | | 472170.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 47.0 | | 465266.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 48.0 | | 451242.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 49.0 | | 516804.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 50.0 | | 454686.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 51.0 | | 424346.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 52.0 | | 479184.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 53.0 | | 453869.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 54.0 | | 469791.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 55.0 | | 461612.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 56.0 | | 458363.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 57.0 | | 476086.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 58.0 | | 442323.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 59.0 | | 487874.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 60.0 | | 463868.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 61.0 | | 522850.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 62.0 | | 468013.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 63.0 | | 443165.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 64.0 | | 467342.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 65.0 | | 474339.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 66.0 | | 470152.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 67.0 | | 458554.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 68.0 | | 493684.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 69.0 | | 482240.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 70.0 | | 503108.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 71.0 | | 515172.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 72.0 | | 462664.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 73.0 | | 551769.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 74.0 | | 469033.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 75.0 | | 440342.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 76.0 | | 476484.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 77.0 | | 479345.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 78.0 | | 453306.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 79.0 | | 465373.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 80.0 | | 489316.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 81.0 | | 464786.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 82.0 | | 482583.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 83.0 | | 528204.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 84.0 | | 491913.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 85.0 | | 603404.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 86.0 | | 563140.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 87.0 | | 548634.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 88.0 | | 612706.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 89.0 | | 554831.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 90.0 | | 536378.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 91.0 | | 534421.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 92.0 | | 557733.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 93.0 | | 555475.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 94.0 | | 567090.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 95.0 | | 572057.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 96.0 | | 580902.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 97.0 | | 680676.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 98.0 | | 579882.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 99.0 | | 582685.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 100.0 | | 712165.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 101.0 | | 725586.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 102.0 | | 653444.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 103.0 | | 638093.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 104.0 | | 653993.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 105.0 | | 694808.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 106.0 | | 703911.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 107.0 | | 691757.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 108.0 | | 704519.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 109.0 | | 813013.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Table Function: tfEthanolSubsidies | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | NEAREST | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.0 | | 0.1 | | | | |  | |  | |  | | |  | | |  |  |
|  | 12.0 | | 0.2 | | | | |  | |  | |  | | |  | | |  |  |
|  | 24.0 | | 0.2 | | | | |  | |  | |  | | |  | | |  |  |
|  | 36.0 | | 0.2 | | | | |  | |  | |  | | |  | | |  |  |
|  | 48.0 | | 0.2 | | | | |  | |  | |  | | |  | | |  |  |
|  | 60.0 | | 0.2 | | | | |  | |  | |  | | |  | | |  |  |
|  | 72.0 | | -0.2 | | | | |  | |  | |  | | |  | | |  |  |
|  | 84.0 | | -0.2 | | | | |  | |  | |  | | |  | | |  |  |
|  | 96.0 | | -0.2 | | | | |  | |  | |  | | |  | | |  |  |
|  | 108.0 | | -0.2 | | | | |  | |  | |  | | |  | | |  |  |
|  | 120.0 | | 0.0 | | | | |  | |  | |  | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Table Function: tfFractionTRStoEthanol | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | EXTRAPOLATE | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.0 | | 0.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.1 | | 0.4 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.2 | | 0.6 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.3 | | 0.72 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.4 | | 0.74 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.5 | | 0.76 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.6 | | 0.79 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.7 | | 0.83 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.8 | | 0.87 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.9 | | 0.93 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.0 | | 1.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.1 | | 1.07 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.2 | | 1.13 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.3 | | 1.17 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.4 | | 1.21 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.5 | | 1.24 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.6 | | 1.26 | | | | |  | |  | |  | | |  | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.7 | | 1.28 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.8 | | 1.29 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.9 | | 1.3 | | | | |  | |  | |  | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Table Function: tfEffectWeatherInProd\_base | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | NEAREST | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.0 | | 0.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 12.0 | | 0.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 24.0 | | 0.05 | | | | |  | |  | |  | | |  | | |  |  |
|  | 36.0 | | 0.15 | | | | |  | |  | |  | | |  | | |  |  |
|  | 48.0 | | 0.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 60.0 | | 0.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 72.0 | | 0.05 | | | | |  | |  | |  | | |  | | |  |  |
|  | 84.0 | | 0.15 | | | | |  | |  | |  | | |  | | |  |  |
|  | 96.0 | | 0.2 | | | | |  | |  | |  | | |  | | |  |  |
|  | 108.0 | | 0.0 | | | | |  | |  | |  | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Table Function: tfEffectExpectedProfitDesiredCrop | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Description: Desired capital depends on the current capital and the long term expected profit for new investments. If the long run expected profit margin is bigger than 1 (total revenue higher than total costs), the desired capital is bigger than the current amount.  The desired amount grows with the expected profit in a non-linear relationship as defined by the function 'effExpectedProfitDesiredCapital' | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | NEAREST | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.0 | | 0.6 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.2 | | 0.62 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.4 | | 0.65 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.6 | | 0.72 | | | | |  | |  | |  | | |  | | |  |  |
|  | 0.8 | | 0.85 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.0 | | 1.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.2 | | 1.18 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.4 | | 1.35 | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.6 | | 1.44 | | | | |  | |  | |  | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.8 | | 1.48 | | | | |  | |  | |  | | |  | | |  |  |
|  | 2.0 | | 1.5 | | | | |  | |  | |  | | |  | | |  |  |
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|  | Table Function: tfGDPperCapita\_base | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | NEAREST | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/year/people | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.0 | | 13001.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 2.0 | | 13007.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 3.0 | | 13011.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 4.0 | | 13015.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 5.0 | | 13017.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 6.0 | | 13017.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 7.0 | | 13017.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 8.0 | | 13017.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 9.0 | | 13022.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 10.0 | | 13031.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 11.0 | | 13044.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 12.0 | | 13062.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 13.0 | | 13083.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 14.0 | | 13108.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 15.0 | | 13138.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 16.0 | | 13172.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 17.0 | | 13210.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 18.0 | | 13252.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 19.0 | | 13298.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 20.0 | | 13346.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 21.0 | | 13391.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 22.0 | | 13434.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 23.0 | | 13476.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 24.0 | | 13515.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 25.0 | | 13552.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 26.0 | | 13587.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 27.0 | | 13620.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 28.0 | | 13651.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 29.0 | | 13679.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 30.0 | | 13706.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 31.0 | | 13730.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 32.0 | | 13753.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 33.0 | | 13778.0 | | | | |  | |  | |  | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 34.0 | | 13803.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 35.0 | | 13829.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 36.0 | | 13856.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 37.0 | | 13884.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 38.0 | | 13912.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 39.0 | | 13942.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 40.0 | | 13973.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 41.0 | | 14004.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 42.0 | | 14036.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 43.0 | | 14069.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 44.0 | | 14104.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 45.0 | | 14141.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 46.0 | | 14180.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 47.0 | | 14221.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 48.0 | | 14265.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 49.0 | | 14310.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 50.0 | | 14358.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 51.0 | | 14409.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 52.0 | | 14461.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 53.0 | | 14516.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 54.0 | | 14573.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 55.0 | | 14632.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 56.0 | | 14692.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 57.0 | | 14752.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 58.0 | | 14811.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 59.0 | | 14870.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 60.0 | | 14928.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 61.0 | | 14985.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 62.0 | | 15041.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 63.0 | | 15097.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 64.0 | | 15152.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 65.0 | | 15207.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 66.0 | | 15261.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 67.0 | | 15314.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 68.0 | | 15364.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 69.0 | | 15408.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 70.0 | | 15446.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 71.0 | | 15479.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 72.0 | | 15505.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 73.0 | | 15526.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 74.0 | | 15540.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 75.0 | | 15548.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 76.0 | | 15551.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 77.0 | | 15546.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 78.0 | | 15536.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 79.0 | | 15520.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 80.0 | | 15504.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 81.0 | | 15498.0 | | | | |  | |  | |  | | | | | |  |  |
|  |  | |  | | |  | |  | |  | |  | | | | | |  |  |
|  |  | |  | | |  | |  | |  | |  | | | | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 82.0 | | 15500.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 83.0 | | 15511.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 84.0 | | 15530.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 85.0 | | 15558.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 86.0 | | 15595.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 87.0 | | 15640.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 88.0 | | 15693.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 89.0 | | 15756.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 90.0 | | 15827.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 91.0 | | 15907.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 92.0 | | 15990.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 93.0 | | 16070.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 94.0 | | 16148.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 95.0 | | 16223.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 96.0 | | 16295.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 97.0 | | 16364.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 98.0 | | 16431.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 99.0 | | 16494.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 100.0 | | 16555.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 101.0 | | 16613.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 102.0 | | 16667.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 103.0 | | 16719.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 104.0 | | 16769.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 105.0 | | 16819.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 106.0 | | 16869.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 107.0 | | 16920.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 108.0 | | 16970.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 109.0 | | 17021.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 110.0 | | 17072.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 111.0 | | 17128.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 112.0 | | 17184.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 113.0 | | 17241.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 114.0 | | 17297.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 115.0 | | 17354.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 116.0 | | 17410.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 117.0 | | 17467.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 118.0 | | 17525.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 119.0 | | 17582.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 120.0 | | 17640.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 121.0 | | 17697.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 122.0 | | 17755.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 123.0 | | 17813.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 124.0 | | 17872.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 125.0 | | 17930.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 126.0 | | 17989.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 127.0 | | 18048.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 128.0 | | 18107.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 129.0 | | 18166.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 130.0 | | 18226.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 131.0 | | 18285.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 132.0 | | 18345.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 133.0 | | 18405.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 134.0 | | 18465.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 135.0 | | 18526.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 136.0 | | 18587.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 137.0 | | 18647.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 138.0 | | 18708.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 139.0 | | 18770.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 140.0 | | 18831.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 141.0 | | 18893.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 142.0 | | 18955.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 143.0 | | 19017.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 144.0 | | 19079.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 145.0 | | 19141.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 146.0 | | 19204.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 147.0 | | 19267.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 148.0 | | 19330.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 149.0 | | 19393.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 150.0 | | 19457.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 151.0 | | 19521.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 152.0 | | 19584.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 153.0 | | 19649.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 154.0 | | 19713.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 155.0 | | 19777.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 156.0 | | 19842.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 157.0 | | 19907.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 158.0 | | 19972.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 159.0 | | 20038.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 160.0 | | 20103.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 161.0 | | 20169.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 162.0 | | 20235.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 163.0 | | 20301.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 164.0 | | 20368.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 165.0 | | 20434.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 166.0 | | 20501.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 167.0 | | 20568.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 168.0 | | 20636.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 169.0 | | 20703.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 170.0 | | 20771.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 171.0 | | 20839.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 172.0 | | 20907.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 173.0 | | 20976.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 174.0 | | 21045.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 175.0 | | 21113.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 176.0 | | 21183.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 177.0 | | 21252.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 178.0 | | 21321.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 179.0 | | 21391.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 180.0 | | 21461.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 181.0 | | 21532.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 182.0 | | 21602.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 183.0 | | 21673.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 184.0 | | 21744.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 185.0 | | 21815.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 186.0 | | 21886.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 187.0 | | 21958.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 188.0 | | 22030.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 189.0 | | 22102.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 190.0 | | 22174.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 191.0 | | 22247.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 192.0 | | 22320.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 193.0 | | 22393.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 194.0 | | 22466.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 195.0 | | 22540.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 196.0 | | 22613.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 197.0 | | 22687.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 198.0 | | 22762.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 199.0 | | 22836.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 200.0 | | 22911.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 201.0 | | 22986.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 202.0 | | 23061.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 203.0 | | 23137.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 204.0 | | 23213.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 205.0 | | 23288.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 206.0 | | 23365.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 207.0 | | 23441.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 208.0 | | 23518.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 209.0 | | 23595.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 210.0 | | 23672.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 211.0 | | 23750.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 212.0 | | 23827.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 213.0 | | 23905.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 214.0 | | 23984.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 215.0 | | 24062.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 216.0 | | 24141.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 217.0 | | 24220.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 218.0 | | 24299.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 219.0 | | 24379.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 220.0 | | 24459.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 221.0 | | 24539.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 222.0 | | 24619.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 223.0 | | 24700.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 224.0 | | 24781.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 225.0 | | 24862.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 226.0 | | 24943.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 227.0 | | 25025.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 228.0 | | 25107.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 229.0 | | 25189.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 230.0 | | 25271.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 231.0 | | 25354.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 232.0 | | 25437.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 233.0 | | 25520.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 234.0 | | 25604.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 235.0 | | 25688.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 236.0 | | 25772.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 237.0 | | 25856.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 238.0 | | 25941.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 239.0 | | 26026.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 240.0 | | 26111.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 241.0 | | 26196.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 242.0 | | 26282.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 243.0 | | 26368.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 244.0 | | 26455.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 245.0 | | 26541.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 246.0 | | 26628.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 247.0 | | 26715.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 248.0 | | 26803.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 249.0 | | 26890.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 250.0 | | 26978.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 251.0 | | 27067.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 252.0 | | 27155.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 253.0 | | 27244.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 254.0 | | 27333.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 255.0 | | 27423.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 256.0 | | 27513.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 257.0 | | 27603.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 258.0 | | 27693.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 259.0 | | 27784.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 260.0 | | 27875.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 261.0 | | 27966.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 262.0 | | 28058.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 263.0 | | 28149.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 264.0 | | 28242.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 265.0 | | 28334.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 266.0 | | 28427.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 267.0 | | 28520.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 268.0 | | 28613.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 269.0 | | 28707.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 270.0 | | 28801.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 271.0 | | 28895.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 272.0 | | 28990.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 273.0 | | 29085.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 274.0 | | 29180.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 275.0 | | 29275.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 276.0 | | 29371.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 277.0 | | 29467.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 278.0 | | 29564.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 279.0 | | 29661.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 280.0 | | 29758.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 281.0 | | 29855.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 282.0 | | 29953.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 283.0 | | 30051.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 284.0 | | 30149.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 285.0 | | 30248.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 286.0 | | 30347.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 287.0 | | 30446.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 288.0 | | 30546.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 289.0 | | 30646.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 290.0 | | 30746.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 291.0 | | 30847.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 292.0 | | 30948.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 293.0 | | 31049.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 294.0 | | 31151.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 295.0 | | 31253.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 296.0 | | 31355.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 297.0 | | 31458.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 298.0 | | 31561.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 299.0 | | 31664.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 300.0 | | 31768.0 | | | | |  | |  | |  | | |  | | |  |  |
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|  | Table Function: tfGDPperCapita\_low | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | NEAREST | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/year/people | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.0 | | 13001.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 2.0 | | 13007.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 3.0 | | 13011.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 4.0 | | 13015.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 5.0 | | 13017.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 6.0 | | 13017.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 7.0 | | 13017.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 8.0 | | 13017.0 | | | | |  | |  | |  | | |  | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 9.0 | | 13022.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 10.0 | | 13031.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 11.0 | | 13044.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 12.0 | | 13062.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 13.0 | | 13083.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 14.0 | | 13108.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 15.0 | | 13138.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 16.0 | | 13172.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 17.0 | | 13210.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 18.0 | | 13252.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 19.0 | | 13298.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 20.0 | | 13346.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 21.0 | | 13391.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 22.0 | | 13434.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 23.0 | | 13476.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 24.0 | | 13515.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 25.0 | | 13552.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 26.0 | | 13587.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 27.0 | | 13620.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 28.0 | | 13651.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 29.0 | | 13679.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 30.0 | | 13706.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 31.0 | | 13730.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 32.0 | | 13753.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 33.0 | | 13778.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 34.0 | | 13803.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 35.0 | | 13829.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 36.0 | | 13856.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 37.0 | | 13884.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 38.0 | | 13912.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 39.0 | | 13942.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 40.0 | | 13973.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 41.0 | | 14004.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 42.0 | | 14036.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 43.0 | | 14069.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 44.0 | | 14104.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 45.0 | | 14141.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 46.0 | | 14180.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 47.0 | | 14221.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 48.0 | | 14265.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 49.0 | | 14310.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 50.0 | | 14358.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 51.0 | | 14409.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 52.0 | | 14461.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 53.0 | | 14516.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 54.0 | | 14573.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 55.0 | | 14632.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 56.0 | | 14692.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 57.0 | | 14752.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 58.0 | | 14811.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 59.0 | | 14870.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 60.0 | | 14928.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 61.0 | | 14985.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 62.0 | | 15041.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 63.0 | | 15097.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 64.0 | | 15152.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 65.0 | | 15207.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 66.0 | | 15261.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 67.0 | | 15314.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 68.0 | | 15364.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 69.0 | | 15408.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 70.0 | | 15446.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 71.0 | | 15479.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 72.0 | | 15505.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 73.0 | | 15526.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 74.0 | | 15540.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 75.0 | | 15548.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 76.0 | | 15551.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 77.0 | | 15546.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 78.0 | | 15536.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 79.0 | | 15520.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 80.0 | | 15504.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 81.0 | | 15498.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 82.0 | | 15500.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 83.0 | | 15511.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 84.0 | | 15530.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 85.0 | | 15558.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 86.0 | | 15595.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 87.0 | | 15640.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 88.0 | | 15693.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 89.0 | | 15756.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 90.0 | | 15827.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 91.0 | | 15907.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 92.0 | | 15990.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 93.0 | | 16070.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 94.0 | | 16148.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 95.0 | | 16223.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 96.0 | | 16295.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 97.0 | | 16364.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 98.0 | | 16431.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 99.0 | | 16494.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 100.0 | | 16555.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 101.0 | | 16613.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 102.0 | | 16667.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 103.0 | | 16719.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 104.0 | | 16769.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 105.0 | | 16819.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 106.0 | | 16869.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 107.0 | | 16920.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 108.0 | | 16970.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 109.0 | | 17021.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 110.0 | | 17072.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 111.0 | | 17101.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 112.0 | | 17129.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 113.0 | | 17157.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 114.0 | | 17185.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 115.0 | | 17214.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 116.0 | | 17242.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 117.0 | | 17271.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 118.0 | | 17299.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 119.0 | | 17328.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 120.0 | | 17356.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 121.0 | | 17385.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 122.0 | | 17414.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 123.0 | | 17443.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 124.0 | | 17471.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 125.0 | | 17500.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 126.0 | | 17529.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 127.0 | | 17558.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 128.0 | | 17587.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 129.0 | | 17616.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 130.0 | | 17645.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 131.0 | | 17674.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 132.0 | | 17704.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 133.0 | | 17733.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 134.0 | | 17762.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 135.0 | | 17791.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 136.0 | | 17821.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 137.0 | | 17850.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 138.0 | | 17880.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 139.0 | | 17909.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 140.0 | | 17939.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 141.0 | | 17968.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 142.0 | | 17998.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 143.0 | | 18028.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 144.0 | | 18058.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 145.0 | | 18087.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 146.0 | | 18117.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 147.0 | | 18147.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 148.0 | | 18177.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 149.0 | | 18207.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 150.0 | | 18237.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 151.0 | | 18267.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 152.0 | | 18298.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 153.0 | | 18328.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 154.0 | | 18358.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 155.0 | | 18388.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 156.0 | | 18419.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 157.0 | | 18449.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 158.0 | | 18480.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 159.0 | | 18510.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 160.0 | | 18541.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 161.0 | | 18571.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 162.0 | | 18602.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 163.0 | | 18633.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 164.0 | | 18664.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 165.0 | | 18694.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 166.0 | | 18725.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 167.0 | | 18756.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 168.0 | | 18787.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 169.0 | | 18818.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 170.0 | | 18849.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 171.0 | | 18880.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 172.0 | | 18912.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 173.0 | | 18943.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 174.0 | | 18974.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 175.0 | | 19005.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 176.0 | | 19037.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 177.0 | | 19068.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 178.0 | | 19100.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 179.0 | | 19131.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 180.0 | | 19163.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 181.0 | | 19195.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 182.0 | | 19226.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 183.0 | | 19258.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 184.0 | | 19290.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 185.0 | | 19322.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 186.0 | | 19354.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 187.0 | | 19386.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 188.0 | | 19418.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 189.0 | | 19450.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 190.0 | | 19482.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 191.0 | | 19514.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 192.0 | | 19546.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 193.0 | | 19578.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 194.0 | | 19611.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 195.0 | | 19643.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 196.0 | | 19676.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 197.0 | | 19708.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 198.0 | | 19741.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 199.0 | | 19773.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 200.0 | | 19806.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 201.0 | | 19839.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 202.0 | | 19871.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 203.0 | | 19904.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 204.0 | | 19937.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 205.0 | | 19970.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 206.0 | | 20003.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 207.0 | | 20036.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 208.0 | | 20069.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 209.0 | | 20102.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 210.0 | | 20135.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 211.0 | | 20169.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 212.0 | | 20202.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 213.0 | | 20235.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 214.0 | | 20269.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 215.0 | | 20302.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 216.0 | | 20336.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 217.0 | | 20369.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 218.0 | | 20403.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 219.0 | | 20437.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 220.0 | | 20471.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 221.0 | | 20504.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 222.0 | | 20538.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 223.0 | | 20572.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 224.0 | | 20606.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 225.0 | | 20640.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 226.0 | | 20674.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 227.0 | | 20708.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 228.0 | | 20743.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 229.0 | | 20777.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 230.0 | | 20811.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 231.0 | | 20846.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 232.0 | | 20880.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 233.0 | | 20914.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 234.0 | | 20949.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 235.0 | | 20984.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 236.0 | | 21018.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 237.0 | | 21053.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 238.0 | | 21088.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 239.0 | | 21123.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 240.0 | | 21157.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 241.0 | | 21192.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 242.0 | | 21227.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 243.0 | | 21262.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 244.0 | | 21298.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 245.0 | | 21333.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 246.0 | | 21368.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 247.0 | | 21403.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 248.0 | | 21439.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | 249.0 | | 21474.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 250.0 | | 21509.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 251.0 | | 21545.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 252.0 | | 21581.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 253.0 | | 21616.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 254.0 | | 21652.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 255.0 | | 21688.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 256.0 | | 21723.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 257.0 | | 21759.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 258.0 | | 21795.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 259.0 | | 21831.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 260.0 | | 21867.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 261.0 | | 21903.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 262.0 | | 21940.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 263.0 | | 21976.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 264.0 | | 22012.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 265.0 | | 22049.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 266.0 | | 22085.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 267.0 | | 22121.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 268.0 | | 22158.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 269.0 | | 22195.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 270.0 | | 22231.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 271.0 | | 22268.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 272.0 | | 22305.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 273.0 | | 22342.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 274.0 | | 22378.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 275.0 | | 22415.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 276.0 | | 22452.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 277.0 | | 22490.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 278.0 | | 22527.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 279.0 | | 22564.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 280.0 | | 22601.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 281.0 | | 22638.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 282.0 | | 22676.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 283.0 | | 22713.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 284.0 | | 22751.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 285.0 | | 22788.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 286.0 | | 22826.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 287.0 | | 22864.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 288.0 | | 22901.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 289.0 | | 22939.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 290.0 | | 22977.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 291.0 | | 23015.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 292.0 | | 23053.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 293.0 | | 23091.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 294.0 | | 23129.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 295.0 | | 23168.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 296.0 | | 23206.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 297.0 | | 23244.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 298.0 | | 23283.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 299.0 | | 23321.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 300.0 | | 23360.0 | | | | |  | |  | |  | | |  | | |  |  |
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|  | Table Function: tfGDPperCapita\_high | | | | | | | | | | | | | | | | |  |  |
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|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | NEAREST | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | 1.0 | | 13001.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 2.0 | | 13007.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 3.0 | | 13011.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 4.0 | | 13015.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 5.0 | | 13017.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 6.0 | | 13017.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 7.0 | | 13017.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 8.0 | | 13017.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 9.0 | | 13022.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 10.0 | | 13031.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 11.0 | | 13044.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 12.0 | | 13062.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 13.0 | | 13083.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 14.0 | | 13108.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 15.0 | | 13138.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 16.0 | | 13172.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 17.0 | | 13210.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 18.0 | | 13252.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 19.0 | | 13298.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 20.0 | | 13346.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 21.0 | | 13391.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 22.0 | | 13434.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 23.0 | | 13476.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 24.0 | | 13515.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 25.0 | | 13552.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 26.0 | | 13587.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 27.0 | | 13620.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 28.0 | | 13651.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 29.0 | | 13679.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 30.0 | | 13706.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 31.0 | | 13730.0 | | | | |  | |  | |  | | |  | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | 32.0 | | 13753.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 33.0 | | 13778.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 34.0 | | 13803.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 35.0 | | 13829.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 36.0 | | 13856.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 37.0 | | 13884.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 38.0 | | 13912.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 39.0 | | 13942.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 40.0 | | 13973.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 41.0 | | 14004.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 42.0 | | 14036.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 43.0 | | 14069.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 44.0 | | 14104.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 45.0 | | 14141.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 46.0 | | 14180.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 47.0 | | 14221.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 48.0 | | 14265.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 49.0 | | 14310.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 50.0 | | 14358.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 51.0 | | 14409.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 52.0 | | 14461.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 53.0 | | 14516.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 54.0 | | 14573.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 55.0 | | 14632.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 56.0 | | 14692.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 57.0 | | 14752.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 58.0 | | 14811.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 59.0 | | 14870.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 60.0 | | 14928.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 61.0 | | 14985.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 62.0 | | 15041.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 63.0 | | 15097.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 64.0 | | 15152.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 65.0 | | 15207.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 66.0 | | 15261.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 67.0 | | 15314.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 68.0 | | 15364.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 69.0 | | 15408.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 70.0 | | 15446.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 71.0 | | 15479.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 72.0 | | 15505.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 73.0 | | 15526.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 74.0 | | 15540.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 75.0 | | 15548.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 76.0 | | 15551.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 77.0 | | 15546.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 78.0 | | 15536.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 79.0 | | 15520.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 80.0 | | 15504.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 81.0 | | 15498.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 82.0 | | 15500.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 83.0 | | 15511.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 84.0 | | 15530.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 85.0 | | 15558.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 86.0 | | 15595.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 87.0 | | 15640.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 88.0 | | 15693.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 89.0 | | 15756.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 90.0 | | 15827.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 91.0 | | 15907.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 92.0 | | 15990.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 93.0 | | 16070.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 94.0 | | 16148.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 95.0 | | 16223.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 96.0 | | 16295.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 97.0 | | 16364.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 98.0 | | 16431.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 99.0 | | 16494.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 100.0 | | 16555.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 101.0 | | 16613.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 102.0 | | 16667.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 103.0 | | 16719.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 104.0 | | 16769.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 105.0 | | 16819.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 106.0 | | 16869.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 107.0 | | 16920.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 108.0 | | 16970.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 109.0 | | 17021.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 110.0 | | 17072.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 111.0 | | 17169.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 112.0 | | 17266.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 113.0 | | 17364.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 114.0 | | 17462.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 115.0 | | 17561.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 116.0 | | 17660.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 117.0 | | 17760.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 118.0 | | 17860.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 119.0 | | 17961.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 120.0 | | 18063.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 121.0 | | 18165.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 122.0 | | 18267.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 123.0 | | 18371.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 124.0 | | 18475.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 125.0 | | 18579.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 126.0 | | 18684.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 127.0 | | 18790.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 128.0 | | 18896.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 129.0 | | 19003.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 130.0 | | 19110.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 131.0 | | 19218.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 132.0 | | 19327.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 133.0 | | 19436.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 134.0 | | 19546.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 135.0 | | 19657.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 136.0 | | 19768.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 137.0 | | 19880.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 138.0 | | 19992.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 139.0 | | 20105.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 140.0 | | 20219.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 141.0 | | 20333.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 142.0 | | 20448.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 143.0 | | 20564.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 144.0 | | 20680.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 145.0 | | 20797.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 146.0 | | 20914.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 147.0 | | 21033.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 148.0 | | 21152.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 149.0 | | 21271.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 150.0 | | 21391.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 151.0 | | 21512.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 152.0 | | 21634.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 153.0 | | 21756.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 154.0 | | 21879.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 155.0 | | 22003.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 156.0 | | 22127.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 157.0 | | 22253.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 158.0 | | 22378.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 159.0 | | 22505.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 160.0 | | 22632.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 161.0 | | 22760.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 162.0 | | 22889.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 163.0 | | 23018.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 164.0 | | 23148.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 165.0 | | 23279.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 166.0 | | 23411.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 167.0 | | 23543.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 168.0 | | 23676.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 169.0 | | 23810.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 170.0 | | 23945.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 171.0 | | 24080.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 172.0 | | 24216.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 173.0 | | 24353.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 174.0 | | 24491.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 175.0 | | 24630.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 176.0 | | 24769.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 177.0 | | 24909.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 178.0 | | 25050.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 179.0 | | 25191.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 180.0 | | 25334.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 181.0 | | 25477.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 182.0 | | 25621.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 183.0 | | 25766.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 184.0 | | 25912.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 185.0 | | 26058.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 186.0 | | 26205.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 187.0 | | 26354.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 188.0 | | 26503.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 189.0 | | 26652.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 190.0 | | 26803.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 191.0 | | 26955.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 192.0 | | 27107.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 193.0 | | 27260.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 194.0 | | 27415.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 195.0 | | 27570.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 196.0 | | 27725.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 197.0 | | 27882.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 198.0 | | 28040.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 199.0 | | 28198.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 200.0 | | 28358.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 201.0 | | 28518.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 202.0 | | 28679.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 203.0 | | 28842.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 204.0 | | 29005.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 205.0 | | 29169.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 206.0 | | 29334.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 207.0 | | 29499.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 208.0 | | 29666.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 209.0 | | 29834.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 210.0 | | 30003.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 211.0 | | 30172.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 212.0 | | 30343.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 213.0 | | 30514.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 214.0 | | 30687.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 215.0 | | 30860.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 216.0 | | 31035.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 217.0 | | 31210.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 218.0 | | 31387.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 219.0 | | 31564.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 220.0 | | 31743.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 221.0 | | 31922.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 222.0 | | 32103.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 223.0 | | 32284.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 224.0 | | 32467.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 225.0 | | 32650.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 226.0 | | 32835.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 227.0 | | 33021.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 228.0 | | 33207.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 229.0 | | 33395.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 230.0 | | 33584.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 231.0 | | 33774.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 232.0 | | 33965.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 233.0 | | 34157.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 234.0 | | 34350.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 235.0 | | 34544.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 236.0 | | 34740.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 237.0 | | 34936.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 238.0 | | 35133.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 239.0 | | 35332.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 240.0 | | 35532.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 241.0 | | 35733.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 242.0 | | 35935.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 243.0 | | 36138.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 244.0 | | 36342.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 245.0 | | 36548.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 246.0 | | 36754.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 247.0 | | 36962.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 248.0 | | 37171.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 249.0 | | 37381.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 250.0 | | 37593.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 251.0 | | 37805.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 252.0 | | 38019.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 253.0 | | 38234.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 254.0 | | 38450.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 255.0 | | 38668.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 256.0 | | 38886.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 257.0 | | 39106.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 258.0 | | 39327.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 259.0 | | 39550.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 260.0 | | 39773.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 261.0 | | 39998.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 262.0 | | 40224.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 263.0 | | 40452.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 264.0 | | 40680.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 265.0 | | 40910.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 266.0 | | 41142.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 267.0 | | 41374.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 268.0 | | 41608.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 269.0 | | 41844.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 270.0 | | 42080.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 271.0 | | 42318.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 272.0 | | 42557.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 273.0 | | 42798.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 274.0 | | 43040.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 275.0 | | 43283.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 276.0 | | 43528.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 277.0 | | 43774.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 278.0 | | 44022.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 279.0 | | 44271.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 280.0 | | 44521.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 281.0 | | 44773.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 282.0 | | 45026.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 283.0 | | 45280.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 284.0 | | 45536.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 285.0 | | 45794.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 286.0 | | 46053.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 287.0 | | 46313.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 288.0 | | 46575.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 289.0 | | 46838.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 290.0 | | 47103.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 291.0 | | 47370.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 292.0 | | 47637.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 293.0 | | 47907.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 294.0 | | 48178.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 295.0 | | 48450.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 296.0 | | 48724.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 297.0 | | 48999.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 298.0 | | 49277.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 299.0 | | 49555.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 300.0 | | 49835.0 | | | | |  | |  | |  | | |  | | |  |  |
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|  | Table Function: tfNetExports\_lowGrowth | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | NEAREST | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | m3/time | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.0 | | 54150.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 2.0 | | 68803.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 3.0 | | 83328.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 4.0 | | 97597.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 5.0 | | 111482.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 6.0 | | 124855.0 | | | | |  | |  | |  | | |  | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 7.0 | | 137588.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 8.0 | | 149554.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 9.0 | | 160623.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 10.0 | | 170669.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 11.0 | | 179563.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 12.0 | | 187177.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 13.0 | | 193383.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 14.0 | | 198114.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 15.0 | | 201544.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 16.0 | | 203908.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 17.0 | | 205442.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 18.0 | | 206379.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 19.0 | | 206955.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 20.0 | | 207405.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 21.0 | | 207963.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 22.0 | | 208865.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 23.0 | | 210346.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 24.0 | | 212640.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 25.0 | | 215983.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 26.0 | | 220529.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 27.0 | | 226116.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 28.0 | | 232500.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 29.0 | | 239439.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 30.0 | | 246688.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 31.0 | | 254006.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 32.0 | | 261150.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 33.0 | | 267876.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 34.0 | | 273941.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 35.0 | | 279102.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 36.0 | | 283117.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 37.0 | | 285742.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 38.0 | | 286835.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 39.0 | | 286657.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 40.0 | | 285568.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 41.0 | | 283930.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 42.0 | | 282103.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 43.0 | | 280450.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 44.0 | | 279331.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 45.0 | | 279108.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 46.0 | | 280140.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 47.0 | | 282791.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 48.0 | | 287420.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 49.0 | | 294389.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 50.0 | | 303906.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 51.0 | | 315564.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 52.0 | | 328804.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 53.0 | | 343067.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 54.0 | | 357793.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 55.0 | | 372423.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 56.0 | | 386397.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 57.0 | | 399155.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 58.0 | | 410139.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 59.0 | | 418788.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 60.0 | | 424543.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 61.0 | | 426845.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 62.0 | | 425304.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 63.0 | | 420213.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 64.0 | | 412034.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 65.0 | | 401228.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 66.0 | | 388258.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 67.0 | | 373586.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 68.0 | | 357675.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 69.0 | | 340986.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 70.0 | | 323981.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 71.0 | | 307124.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 72.0 | | 290876.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 73.0 | | 275699.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 74.0 | | 261944.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 75.0 | | 249514.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 76.0 | | 238203.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 77.0 | | 227800.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 78.0 | | 218100.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 79.0 | | 208894.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 80.0 | | 199974.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 81.0 | | 191132.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 82.0 | | 182160.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 83.0 | | 172851.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 84.0 | | 162996.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 85.0 | | 152387.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 86.0 | | 140902.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 87.0 | | 128758.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 88.0 | | 116256.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 89.0 | | 103700.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 90.0 | | 91389.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 91.0 | | 79628.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 92.0 | | 68718.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 93.0 | | 58960.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 94.0 | | 50658.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 95.0 | | 44112.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 96.0 | | 39626.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 97.0 | | 37500.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 98.0 | | 37950.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 99.0 | | 40841.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 100.0 | | 45952.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 101.0 | | 53060.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 102.0 | | 61943.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 103.0 | | 72380.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 104.0 | | 84148.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 105.0 | | 97026.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 106.0 | | 110791.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 107.0 | | 125223.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 108.0 | | 140098.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 109.0 | | 155195.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 110.0 | | 155195.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 111.0 | | 220645.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 112.0 | | 222235.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 113.0 | | 223780.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 114.0 | | 225254.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 115.0 | | 226637.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 116.0 | | 227908.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 117.0 | | 229047.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 118.0 | | 230038.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 119.0 | | 230867.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 120.0 | | 231523.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 121.0 | | 231997.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 122.0 | | 232284.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 123.0 | | 232382.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 124.0 | | 232292.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 125.0 | | 232019.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 126.0 | | 231569.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 127.0 | | 230954.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 128.0 | | 230187.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 129.0 | | 229284.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 130.0 | | 228263.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 131.0 | | 227145.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 132.0 | | 225952.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 133.0 | | 224707.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 134.0 | | 223435.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 135.0 | | 222161.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 136.0 | | 220910.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 137.0 | | 219706.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 138.0 | | 218573.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 139.0 | | 217534.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 140.0 | | 216611.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 141.0 | | 215821.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 142.0 | | 215183.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 143.0 | | 214710.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 144.0 | | 214415.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 145.0 | | 214305.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 146.0 | | 214386.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 147.0 | | 214661.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 148.0 | | 215127.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 149.0 | | 215781.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 150.0 | | 216615.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 151.0 | | 217618.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 152.0 | | 218777.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 153.0 | | 220074.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 154.0 | | 221492.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 155.0 | | 223010.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 156.0 | | 224604.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 157.0 | | 226251.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 158.0 | | 227926.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 159.0 | | 229604.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 160.0 | | 231259.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 161.0 | | 232866.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 162.0 | | 234401.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 163.0 | | 235840.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 164.0 | | 237162.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 165.0 | | 238347.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 166.0 | | 239378.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 167.0 | | 240241.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 168.0 | | 240924.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 169.0 | | 241417.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 170.0 | | 241716.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 171.0 | | 241818.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 172.0 | | 241724.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 173.0 | | 241440.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 174.0 | | 240972.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 175.0 | | 240332.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 176.0 | | 239533.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 177.0 | | 238593.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 178.0 | | 237531.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 179.0 | | 236368.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 180.0 | | 235126.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 181.0 | | 233831.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 182.0 | | 232508.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 183.0 | | 231182.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 184.0 | | 229880.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 185.0 | | 228627.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 186.0 | | 227448.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 187.0 | | 226367.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 188.0 | | 225406.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 189.0 | | 224584.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 190.0 | | 223920.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 191.0 | | 223428.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 192.0 | | 223121.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 193.0 | | 223007.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 194.0 | | 223091.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 195.0 | | 223377.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 196.0 | | 223862.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 197.0 | | 224543.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 198.0 | | 225411.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 199.0 | | 226454.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 200.0 | | 227660.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 201.0 | | 229010.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 202.0 | | 230486.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 203.0 | | 232065.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 204.0 | | 233724.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 205.0 | | 235438.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 206.0 | | 237181.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 207.0 | | 238927.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 208.0 | | 240649.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 209.0 | | 242321.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 210.0 | | 243918.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 211.0 | | 245416.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 212.0 | | 246791.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 213.0 | | 248025.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 214.0 | | 249098.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 215.0 | | 249996.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 216.0 | | 250706.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 217.0 | | 251220.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 218.0 | | 251530.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 219.0 | | 251637.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 220.0 | | 251539.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 221.0 | | 251243.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 222.0 | | 250756.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 223.0 | | 250090.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 224.0 | | 249259.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 225.0 | | 248281.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 226.0 | | 247176.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 227.0 | | 245965.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 228.0 | | 244673.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 229.0 | | 243326.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 230.0 | | 241948.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 231.0 | | 240569.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 232.0 | | 239214.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 233.0 | | 237910.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 234.0 | | 236683.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 235.0 | | 235558.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 236.0 | | 234558.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 237.0 | | 233703.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 238.0 | | 233012.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 239.0 | | 232500.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 240.0 | | 232180.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 241.0 | | 232061.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 242.0 | | 232149.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 243.0 | | 232447.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 244.0 | | 232952.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 245.0 | | 233660.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 246.0 | | 234563.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 247.0 | | 235649.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 248.0 | | 236904.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 249.0 | | 238309.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 250.0 | | 239844.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 251.0 | | 241488.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 252.0 | | 243214.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 253.0 | | 244997.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 254.0 | | 246812.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 255.0 | | 248628.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 256.0 | | 250420.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 257.0 | | 252161.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 258.0 | | 253822.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 259.0 | | 255381.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 260.0 | | 256812.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 261.0 | | 258096.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 262.0 | | 259213.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 263.0 | | 260147.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 264.0 | | 260886.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 265.0 | | 261420.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 266.0 | | 261744.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 267.0 | | 261854.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 268.0 | | 261753.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 269.0 | | 261444.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 270.0 | | 260938.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 271.0 | | 260245.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 272.0 | | 259380.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 273.0 | | 258362.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 274.0 | | 257212.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 275.0 | | 255952.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 276.0 | | 254608.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 277.0 | | 253206.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 278.0 | | 251772.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 279.0 | | 250337.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 280.0 | | 248927.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 281.0 | | 247570.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 282.0 | | 246294.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 283.0 | | 245123.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 284.0 | | 244082.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 285.0 | | 243193.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 286.0 | | 242473.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 287.0 | | 241941.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 288.0 | | 241608.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 289.0 | | 241484.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 290.0 | | 241576.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 291.0 | | 241885.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 292.0 | | 242411.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 293.0 | | 243148.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 294.0 | | 244087.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 295.0 | | 245218.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 296.0 | | 246523.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 297.0 | | 247985.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 298.0 | | 249583.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 299.0 | | 251293.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 300.0 | | 253089.0 | | | | |  | |  | |  | | |  | | |  |  |
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|  | Table Function: tfNetExports\_highGrowth | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | NEAREST | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | m3/time | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.0 | | 54150.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 2.0 | | 68803.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 3.0 | | 83328.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 4.0 | | 97597.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 5.0 | | 111482.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 6.0 | | 124855.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 7.0 | | 137588.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 8.0 | | 149554.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 9.0 | | 160623.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 10.0 | | 170669.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 11.0 | | 179563.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 12.0 | | 187177.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 13.0 | | 193383.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 14.0 | | 198114.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 15.0 | | 201544.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 16.0 | | 203908.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 17.0 | | 205442.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 18.0 | | 206379.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 19.0 | | 206955.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 20.0 | | 207405.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 21.0 | | 207963.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 22.0 | | 208865.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 23.0 | | 210346.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 24.0 | | 212640.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 25.0 | | 215983.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 26.0 | | 220529.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 27.0 | | 226116.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 28.0 | | 232500.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 29.0 | | 239439.0 | | | | |  | |  | |  | | |  | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 30.0 | | 246688.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 31.0 | | 254006.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 32.0 | | 261150.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 33.0 | | 267876.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 34.0 | | 273941.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 35.0 | | 279102.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 36.0 | | 283117.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 37.0 | | 285742.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 38.0 | | 286835.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 39.0 | | 286657.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 40.0 | | 285568.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 41.0 | | 283930.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 42.0 | | 282103.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 43.0 | | 280450.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 44.0 | | 279331.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 45.0 | | 279108.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 46.0 | | 280140.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 47.0 | | 282791.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 48.0 | | 287420.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 49.0 | | 294389.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 50.0 | | 303906.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 51.0 | | 315564.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 52.0 | | 328804.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 53.0 | | 343067.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 54.0 | | 357793.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 55.0 | | 372423.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 56.0 | | 386397.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 57.0 | | 399155.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 58.0 | | 410139.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 59.0 | | 418788.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 60.0 | | 424543.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 61.0 | | 426845.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 62.0 | | 425304.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 63.0 | | 420213.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 64.0 | | 412034.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 65.0 | | 401228.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 66.0 | | 388258.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 67.0 | | 373586.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 68.0 | | 357675.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 69.0 | | 340986.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 70.0 | | 323981.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 71.0 | | 307124.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 72.0 | | 290876.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 73.0 | | 275699.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 74.0 | | 261944.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 75.0 | | 249514.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 76.0 | | 238203.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 77.0 | | 227800.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 78.0 | | 218100.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 79.0 | | 208894.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 80.0 | | 199974.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 81.0 | | 191132.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 82.0 | | 182160.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 83.0 | | 172851.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 84.0 | | 162996.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 85.0 | | 152387.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 86.0 | | 140902.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 87.0 | | 128758.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 88.0 | | 116256.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 89.0 | | 103700.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 90.0 | | 91389.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 91.0 | | 79628.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 92.0 | | 68718.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 93.0 | | 58960.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 94.0 | | 50658.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 95.0 | | 44112.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 96.0 | | 39626.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 97.0 | | 37500.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 98.0 | | 37950.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 99.0 | | 40841.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 100.0 | | 45952.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 101.0 | | 53060.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 102.0 | | 61943.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 103.0 | | 72380.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 104.0 | | 84148.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 105.0 | | 97026.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 106.0 | | 110791.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 107.0 | | 125223.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 108.0 | | 140098.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 109.0 | | 155195.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 110.0 | | 155195.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 111.0 | | 224491.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 112.0 | | 229997.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 113.0 | | 235501.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 114.0 | | 240952.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 115.0 | | 246300.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 116.0 | | 251495.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 117.0 | | 256491.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 118.0 | | 261243.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 119.0 | | 265711.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 120.0 | | 269858.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 121.0 | | 273655.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 122.0 | | 277076.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 123.0 | | 280104.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 124.0 | | 282728.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 125.0 | | 284943.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 126.0 | | 286754.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 127.0 | | 288173.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 128.0 | | 289220.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 129.0 | | 289920.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 130.0 | | 290310.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 131.0 | | 290429.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 132.0 | | 290326.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 133.0 | | 290054.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 134.0 | | 289671.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 135.0 | | 289239.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 136.0 | | 288823.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 137.0 | | 288491.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 138.0 | | 288311.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 139.0 | | 288349.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 140.0 | | 288672.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 141.0 | | 289343.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 142.0 | | 290422.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 143.0 | | 291963.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 144.0 | | 294015.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 145.0 | | 296619.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 146.0 | | 299809.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 147.0 | | 303610.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 148.0 | | 308037.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 149.0 | | 313096.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 150.0 | | 318783.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 151.0 | | 325083.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 152.0 | | 331973.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 153.0 | | 339416.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 154.0 | | 347369.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 155.0 | | 355779.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 156.0 | | 364582.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 157.0 | | 373711.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 158.0 | | 383090.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 159.0 | | 392636.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 160.0 | | 402267.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 161.0 | | 411893.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 162.0 | | 421427.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 163.0 | | 430780.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 164.0 | | 439867.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 165.0 | | 448605.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 166.0 | | 456916.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 167.0 | | 464730.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 168.0 | | 471984.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 169.0 | | 478624.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 170.0 | | 484608.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 171.0 | | 489904.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 172.0 | | 494493.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 173.0 | | 498367.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 174.0 | | 501535.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 175.0 | | 504017.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 176.0 | | 505847.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 177.0 | | 507072.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 178.0 | | 507753.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 179.0 | | 507962.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 180.0 | | 507782.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 181.0 | | 507306.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 182.0 | | 506636.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 183.0 | | 505881.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 184.0 | | 505154.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 185.0 | | 504573.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 186.0 | | 504257.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 187.0 | | 504324.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 188.0 | | 504889.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 189.0 | | 506063.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 190.0 | | 507950.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 191.0 | | 510646.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 192.0 | | 514234.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 193.0 | | 518789.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 194.0 | | 524368.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 195.0 | | 531015.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 196.0 | | 538758.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 197.0 | | 547606.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 198.0 | | 557553.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 199.0 | | 568573.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 200.0 | | 580622.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 201.0 | | 593641.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 202.0 | | 607551.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 203.0 | | 622259.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 204.0 | | 637657.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 205.0 | | 653623.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 206.0 | | 670026.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 207.0 | | 686723.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 208.0 | | 703567.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 209.0 | | 720403.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 210.0 | | 737078.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 211.0 | | 753437.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 212.0 | | 769330.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 213.0 | | 784612.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 214.0 | | 799149.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 215.0 | | 812815.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 216.0 | | 825503.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 217.0 | | 837117.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 218.0 | | 847583.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 219.0 | | 856845.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 220.0 | | 864870.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 221.0 | | 871647.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 222.0 | | 877188.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 223.0 | | 881529.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 224.0 | | 884730.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 225.0 | | 886873.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 226.0 | | 888063.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 227.0 | | 888428.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 228.0 | | 888113.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 229.0 | | 887281.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 230.0 | | 886109.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 231.0 | | 884788.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 232.0 | | 883518.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 233.0 | | 882502.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 234.0 | | 881949.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 235.0 | | 882066.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 236.0 | | 883054.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 237.0 | | 885107.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 238.0 | | 888408.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 239.0 | | 893122.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 240.0 | | 899399.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 241.0 | | 907365.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 242.0 | | 917123.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 243.0 | | 928749.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 244.0 | | 942291.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 245.0 | | 957767.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 246.0 | | 975164.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 247.0 | | 994437.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 248.0 | | 1015512.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 249.0 | | 1038281.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 250.0 | | 1062610.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 251.0 | | 1088335.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 252.0 | | 1115266.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 253.0 | | 1143191.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 254.0 | | 1171880.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 255.0 | | 1201083.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 256.0 | | 1230543.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 257.0 | | 1259990.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 258.0 | | 1289154.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 259.0 | | 1317766.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 260.0 | | 1345563.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 261.0 | | 1372292.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 262.0 | | 1397716.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 263.0 | | 1421619.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 264.0 | | 1443809.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 265.0 | | 1464123.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 266.0 | | 1482428.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 267.0 | | 1498628.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 268.0 | | 1512664.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 269.0 | | 1524517.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 270.0 | | 1534208.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 271.0 | | 1541800.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 272.0 | | 1547397.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 273.0 | | 1551146.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 274.0 | | 1553229.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 275.0 | | 1553867.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 276.0 | | 1553316.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 277.0 | | 1551860.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 278.0 | | 1549811.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 279.0 | | 1547501.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 280.0 | | 1545278.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 281.0 | | 1543501.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 282.0 | | 1542535.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 283.0 | | 1542738.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 284.0 | | 1544467.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 285.0 | | 1548058.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 286.0 | | 1553831.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 287.0 | | 1562077.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 288.0 | | 1573055.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 289.0 | | 1586987.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 290.0 | | 1604054.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 291.0 | | 1624388.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 292.0 | | 1648073.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 293.0 | | 1675140.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 294.0 | | 1705568.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 295.0 | | 1739277.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 296.0 | | 1776137.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 297.0 | | 1815961.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 298.0 | | 1858512.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 299.0 | | 1903504.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 300.0 | | 1950606.0 | | | | |  | |  | |  | | |  | | |  |  |
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|  | Table Function: tfPriceGasolineA\_base | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | NEAREST | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/litre | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.0 | | 4.121 | | | | |  | |  | |  | | |  | | |  |  |
|  | 2.0 | | 4.02 | | | | |  | |  | |  | | |  | | |  |  |
|  | 3.0 | | 3.953 | | | | |  | |  | |  | | |  | | |  |  |
|  | 4.0 | | 4.029 | | | | |  | |  | |  | | |  | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 5.0 | | 4.113 | | | | |  | |  | |  | | | | | |  |  |
|  | 6.0 | | 4.249 | | | | |  | |  | |  | | | | | |  |  |
|  | 7.0 | | 3.839 | | | | |  | |  | |  | | | | | |  |  |
|  | 8.0 | | 3.743 | | | | |  | |  | |  | | | | | |  |  |
|  | 9.0 | | 3.721 | | | | |  | |  | |  | | | | | |  |  |
|  | 10.0 | | 3.786 | | | | |  | |  | |  | | | | | |  |  |
|  | 11.0 | | 3.75 | | | | |  | |  | |  | | | | | |  |  |
|  | 12.0 | | 3.697 | | | | |  | |  | |  | | | | | |  |  |
|  | 13.0 | | 3.718 | | | | |  | |  | |  | | | | | |  |  |
|  | 14.0 | | 3.778 | | | | |  | |  | |  | | | | | |  |  |
|  | 15.0 | | 3.769 | | | | |  | |  | |  | | | | | |  |  |
|  | 16.0 | | 3.613 | | | | |  | |  | |  | | | | | |  |  |
|  | 17.0 | | 3.529 | | | | |  | |  | |  | | | | | |  |  |
|  | 18.0 | | 3.451 | | | | |  | |  | |  | | | | | |  |  |
|  | 19.0 | | 3.816 | | | | |  | |  | |  | | | | | |  |  |
|  | 20.0 | | 3.734 | | | | |  | |  | |  | | | | | |  |  |
|  | 21.0 | | 3.716 | | | | |  | |  | |  | | | | | |  |  |
|  | 22.0 | | 3.74 | | | | |  | |  | |  | | | | | |  |  |
|  | 23.0 | | 3.677 | | | | |  | |  | |  | | | | | |  |  |
|  | 24.0 | | 3.695 | | | | |  | |  | |  | | | | | |  |  |
|  | 25.0 | | 3.746 | | | | |  | |  | |  | | | | | |  |  |
|  | 26.0 | | 3.73 | | | | |  | |  | |  | | | | | |  |  |
|  | 27.0 | | 3.69 | | | | |  | |  | |  | | | | | |  |  |
|  | 28.0 | | 3.698 | | | | |  | |  | |  | | | | | |  |  |
|  | 29.0 | | 3.788 | | | | |  | |  | |  | | | | | |  |  |
|  | 30.0 | | 3.804 | | | | |  | |  | |  | | | | | |  |  |
|  | 31.0 | | 3.713 | | | | |  | |  | |  | | | | | |  |  |
|  | 32.0 | | 3.749 | | | | |  | |  | |  | | | | | |  |  |
|  | 33.0 | | 3.718 | | | | |  | |  | |  | | | | | |  |  |
|  | 34.0 | | 4.009 | | | | |  | |  | |  | | | | | |  |  |
|  | 35.0 | | 4.002 | | | | |  | |  | |  | | | | | |  |  |
|  | 36.0 | | 3.928 | | | | |  | |  | |  | | | | | |  |  |
|  | 37.0 | | 3.937 | | | | |  | |  | |  | | | | | |  |  |
|  | 38.0 | | 3.915 | | | | |  | |  | |  | | | | | |  |  |
|  | 39.0 | | 3.733 | | | | |  | |  | |  | | | | | |  |  |
|  | 40.0 | | 3.933 | | | | |  | |  | |  | | | | | |  |  |
|  | 41.0 | | 3.999 | | | | |  | |  | |  | | | | | |  |  |
|  | 42.0 | | 3.969 | | | | |  | |  | |  | | | | | |  |  |
|  | 43.0 | | 3.882 | | | | |  | |  | |  | | | | | |  |  |
|  | 44.0 | | 3.894 | | | | |  | |  | |  | | | | | |  |  |
|  | 45.0 | | 3.911 | | | | |  | |  | |  | | | | | |  |  |
|  | 46.0 | | 3.863 | | | | |  | |  | |  | | | | | |  |  |
|  | 47.0 | | 3.895 | | | | |  | |  | |  | | | | | |  |  |
|  | 48.0 | | 3.926 | | | | |  | |  | |  | | | | | |  |  |
|  | 49.0 | | 3.84 | | | | |  | |  | |  | | | | | |  |  |
|  | 50.0 | | 3.85 | | | | |  | |  | |  | | | | | |  |  |
|  | 51.0 | | 3.815 | | | | |  | |  | |  | | | | | |  |  |
|  | 52.0 | | 3.791 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 53.0 | | 3.88 | | | | |  | |  | |  | | | | | |  |  |
|  | 54.0 | | 3.93 | | | | |  | |  | |  | | | | | |  |  |
|  | 55.0 | | 3.957 | | | | |  | |  | |  | | | | | |  |  |
|  | 56.0 | | 3.904 | | | | |  | |  | |  | | | | | |  |  |
|  | 57.0 | | 3.859 | | | | |  | |  | |  | | | | | |  |  |
|  | 58.0 | | 3.778 | | | | |  | |  | |  | | | | | |  |  |
|  | 59.0 | | 3.674 | | | | |  | |  | |  | | | | | |  |  |
|  | 60.0 | | 3.608 | | | | |  | |  | |  | | | | | |  |  |
|  | 61.0 | | 3.64 | | | | |  | |  | |  | | | | | |  |  |
|  | 62.0 | | 3.625 | | | | |  | |  | |  | | | | | |  |  |
|  | 63.0 | | 3.578 | | | | |  | |  | |  | | | | | |  |  |
|  | 64.0 | | 3.54 | | | | |  | |  | |  | | | | | |  |  |
|  | 65.0 | | 3.478 | | | | |  | |  | |  | | | | | |  |  |
|  | 66.0 | | 3.428 | | | | |  | |  | |  | | | | | |  |  |
|  | 67.0 | | 3.371 | | | | |  | |  | |  | | | | | |  |  |
|  | 68.0 | | 3.385 | | | | |  | |  | |  | | | | | |  |  |
|  | 69.0 | | 3.358 | | | | |  | |  | |  | | | | | |  |  |
|  | 70.0 | | 3.349 | | | | |  | |  | |  | | | | | |  |  |
|  | 71.0 | | 3.348 | | | | |  | |  | |  | | | | | |  |  |
|  | 72.0 | | 3.36 | | | | |  | |  | |  | | | | | |  |  |
|  | 73.0 | | 3.352 | | | | |  | |  | |  | | | | | |  |  |
|  | 74.0 | | 3.365 | | | | |  | |  | |  | | | | | |  |  |
|  | 75.0 | | 3.44 | | | | |  | |  | |  | | | | | |  |  |
|  | 76.0 | | 3.429 | | | | |  | |  | |  | | | | | |  |  |
|  | 77.0 | | 3.437 | | | | |  | |  | |  | | | | | |  |  |
|  | 78.0 | | 3.439 | | | | |  | |  | |  | | | | | |  |  |
|  | 79.0 | | 3.405 | | | | |  | |  | |  | | | | | |  |  |
|  | 80.0 | | 3.395 | | | | |  | |  | |  | | | | | |  |  |
|  | 81.0 | | 3.358 | | | | |  | |  | |  | | | | | |  |  |
|  | 82.0 | | 3.354 | | | | |  | |  | |  | | | | | |  |  |
|  | 83.0 | | 3.348 | | | | |  | |  | |  | | | | | |  |  |
|  | 84.0 | | 3.317 | | | | |  | |  | |  | | | | | |  |  |
|  | 85.0 | | 3.299 | | | | |  | |  | |  | | | | | |  |  |
|  | 86.0 | | 3.182 | | | | |  | |  | |  | | | | | |  |  |
|  | 87.0 | | 3.243 | | | | |  | |  | |  | | | | | |  |  |
|  | 88.0 | | 3.187 | | | | |  | |  | |  | | | | | |  |  |
|  | 89.0 | | 3.315 | | | | |  | |  | |  | | | | | |  |  |
|  | 90.0 | | 3.304 | | | | |  | |  | |  | | | | | |  |  |
|  | 91.0 | | 3.238 | | | | |  | |  | |  | | | | | |  |  |
|  | 92.0 | | 3.186 | | | | |  | |  | |  | | | | | |  |  |
|  | 93.0 | | 3.139 | | | | |  | |  | |  | | | | | |  |  |
|  | 94.0 | | 3.116 | | | | |  | |  | |  | | | | | |  |  |
|  | 95.0 | | 3.057 | | | | |  | |  | |  | | | | | |  |  |
|  | 96.0 | | 3.017 | | | | |  | |  | |  | | | | | |  |  |
|  | 97.0 | | 3.029 | | | | |  | |  | |  | | | | | |  |  |
|  | 98.0 | | 2.977 | | | | |  | |  | |  | | | | | |  |  |
|  | 99.0 | | 2.851 | | | | |  | |  | |  | | | | | |  |  |
|  | 100.0 | | 3.132 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 101.0 | | 3.278 | | | | |  | |  | |  | | | | | |  |  |
|  | 102.0 | | 3.249 | | | | |  | |  | |  | | | | | |  |  |
|  | 103.0 | | 3.121 | | | | |  | |  | |  | | | | | |  |  |
|  | 104.0 | | 3.084 | | | | |  | |  | |  | | | | | |  |  |
|  | 105.0 | | 3.054 | | | | |  | |  | |  | | | | | |  |  |
|  | 106.0 | | 2.945 | | | | |  | |  | |  | | | | | |  |  |
|  | 107.0 | | 2.921 | | | | |  | |  | |  | | | | | |  |  |
|  | 108.0 | | 2.933 | | | | |  | |  | |  | | | | | |  |  |
|  | 109.0 | | 2.937 | | | | |  | |  | |  | | | | | |  |  |
|  | 110.0 | | 2.948 | | | | |  | |  | |  | | | | | |  |  |
|  | 111.0 | | 3.057 | | | | |  | |  | |  | | | | | |  |  |
|  | 112.0 | | 3.041 | | | | |  | |  | |  | | | | | |  |  |
|  | 113.0 | | 3.026 | | | | |  | |  | |  | | | | | |  |  |
|  | 114.0 | | 3.013 | | | | |  | |  | |  | | | | | |  |  |
|  | 115.0 | | 3.003 | | | | |  | |  | |  | | | | | |  |  |
|  | 116.0 | | 2.994 | | | | |  | |  | |  | | | | | |  |  |
|  | 117.0 | | 2.987 | | | | |  | |  | |  | | | | | |  |  |
|  | 118.0 | | 2.983 | | | | |  | |  | |  | | | | | |  |  |
|  | 119.0 | | 2.981 | | | | |  | |  | |  | | | | | |  |  |
|  | 120.0 | | 2.983 | | | | |  | |  | |  | | | | | |  |  |
|  | 121.0 | | 2.986 | | | | |  | |  | |  | | | | | |  |  |
|  | 122.0 | | 2.993 | | | | |  | |  | |  | | | | | |  |  |
|  | 123.0 | | 3.002 | | | | |  | |  | |  | | | | | |  |  |
|  | 124.0 | | 3.014 | | | | |  | |  | |  | | | | | |  |  |
|  | 125.0 | | 3.028 | | | | |  | |  | |  | | | | | |  |  |
|  | 126.0 | | 3.044 | | | | |  | |  | |  | | | | | |  |  |
|  | 127.0 | | 3.062 | | | | |  | |  | |  | | | | | |  |  |
|  | 128.0 | | 3.081 | | | | |  | |  | |  | | | | | |  |  |
|  | 129.0 | | 3.103 | | | | |  | |  | |  | | | | | |  |  |
|  | 130.0 | | 3.125 | | | | |  | |  | |  | | | | | |  |  |
|  | 131.0 | | 3.148 | | | | |  | |  | |  | | | | | |  |  |
|  | 132.0 | | 3.171 | | | | |  | |  | |  | | | | | |  |  |
|  | 133.0 | | 3.194 | | | | |  | |  | |  | | | | | |  |  |
|  | 134.0 | | 3.217 | | | | |  | |  | |  | | | | | |  |  |
|  | 135.0 | | 3.24 | | | | |  | |  | |  | | | | | |  |  |
|  | 136.0 | | 3.261 | | | | |  | |  | |  | | | | | |  |  |
|  | 137.0 | | 3.281 | | | | |  | |  | |  | | | | | |  |  |
|  | 138.0 | | 3.299 | | | | |  | |  | |  | | | | | |  |  |
|  | 139.0 | | 3.316 | | | | |  | |  | |  | | | | | |  |  |
|  | 140.0 | | 3.33 | | | | |  | |  | |  | | | | | |  |  |
|  | 141.0 | | 3.342 | | | | |  | |  | |  | | | | | |  |  |
|  | 142.0 | | 3.352 | | | | |  | |  | |  | | | | | |  |  |
|  | 143.0 | | 3.359 | | | | |  | |  | |  | | | | | |  |  |
|  | 144.0 | | 3.363 | | | | |  | |  | |  | | | | | |  |  |
|  | 145.0 | | 3.364 | | | | |  | |  | |  | | | | | |  |  |
|  | 146.0 | | 3.363 | | | | |  | |  | |  | | | | | |  |  |
|  | 147.0 | | 3.359 | | | | |  | |  | |  | | | | | |  |  |
|  | 148.0 | | 3.352 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 149.0 | | 3.344 | | | | |  | |  | |  | | | | | |  |  |
|  | 150.0 | | 3.332 | | | | |  | |  | |  | | | | | |  |  |
|  | 151.0 | | 3.319 | | | | |  | |  | |  | | | | | |  |  |
|  | 152.0 | | 3.305 | | | | |  | |  | |  | | | | | |  |  |
|  | 153.0 | | 3.288 | | | | |  | |  | |  | | | | | |  |  |
|  | 154.0 | | 3.271 | | | | |  | |  | |  | | | | | |  |  |
|  | 155.0 | | 3.253 | | | | |  | |  | |  | | | | | |  |  |
|  | 156.0 | | 3.235 | | | | |  | |  | |  | | | | | |  |  |
|  | 157.0 | | 3.216 | | | | |  | |  | |  | | | | | |  |  |
|  | 158.0 | | 3.198 | | | | |  | |  | |  | | | | | |  |  |
|  | 159.0 | | 3.181 | | | | |  | |  | |  | | | | | |  |  |
|  | 160.0 | | 3.164 | | | | |  | |  | |  | | | | | |  |  |
|  | 161.0 | | 3.149 | | | | |  | |  | |  | | | | | |  |  |
|  | 162.0 | | 3.136 | | | | |  | |  | |  | | | | | |  |  |
|  | 163.0 | | 3.124 | | | | |  | |  | |  | | | | | |  |  |
|  | 164.0 | | 3.115 | | | | |  | |  | |  | | | | | |  |  |
|  | 165.0 | | 3.108 | | | | |  | |  | |  | | | | | |  |  |
|  | 166.0 | | 3.104 | | | | |  | |  | |  | | | | | |  |  |
|  | 167.0 | | 3.102 | | | | |  | |  | |  | | | | | |  |  |
|  | 168.0 | | 3.104 | | | | |  | |  | |  | | | | | |  |  |
|  | 169.0 | | 3.108 | | | | |  | |  | |  | | | | | |  |  |
|  | 170.0 | | 3.114 | | | | |  | |  | |  | | | | | |  |  |
|  | 171.0 | | 3.124 | | | | |  | |  | |  | | | | | |  |  |
|  | 172.0 | | 3.136 | | | | |  | |  | |  | | | | | |  |  |
|  | 173.0 | | 3.15 | | | | |  | |  | |  | | | | | |  |  |
|  | 174.0 | | 3.167 | | | | |  | |  | |  | | | | | |  |  |
|  | 175.0 | | 3.186 | | | | |  | |  | |  | | | | | |  |  |
|  | 176.0 | | 3.207 | | | | |  | |  | |  | | | | | |  |  |
|  | 177.0 | | 3.228 | | | | |  | |  | |  | | | | | |  |  |
|  | 178.0 | | 3.252 | | | | |  | |  | |  | | | | | |  |  |
|  | 179.0 | | 3.275 | | | | |  | |  | |  | | | | | |  |  |
|  | 180.0 | | 3.3 | | | | |  | |  | |  | | | | | |  |  |
|  | 181.0 | | 3.324 | | | | |  | |  | |  | | | | | |  |  |
|  | 182.0 | | 3.348 | | | | |  | |  | |  | | | | | |  |  |
|  | 183.0 | | 3.371 | | | | |  | |  | |  | | | | | |  |  |
|  | 184.0 | | 3.393 | | | | |  | |  | |  | | | | | |  |  |
|  | 185.0 | | 3.414 | | | | |  | |  | |  | | | | | |  |  |
|  | 186.0 | | 3.433 | | | | |  | |  | |  | | | | | |  |  |
|  | 187.0 | | 3.451 | | | | |  | |  | |  | | | | | |  |  |
|  | 188.0 | | 3.465 | | | | |  | |  | |  | | | | | |  |  |
|  | 189.0 | | 3.478 | | | | |  | |  | |  | | | | | |  |  |
|  | 190.0 | | 3.488 | | | | |  | |  | |  | | | | | |  |  |
|  | 191.0 | | 3.495 | | | | |  | |  | |  | | | | | |  |  |
|  | 192.0 | | 3.499 | | | | |  | |  | |  | | | | | |  |  |
|  | 193.0 | | 3.501 | | | | |  | |  | |  | | | | | |  |  |
|  | 194.0 | | 3.499 | | | | |  | |  | |  | | | | | |  |  |
|  | 195.0 | | 3.495 | | | | |  | |  | |  | | | | | |  |  |
|  | 196.0 | | 3.489 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 197.0 | | 3.479 | | | | |  | |  | |  | | | | | |  |  |
|  | 198.0 | | 3.468 | | | | |  | |  | |  | | | | | |  |  |
|  | 199.0 | | 3.454 | | | | |  | |  | |  | | | | | |  |  |
|  | 200.0 | | 3.439 | | | | |  | |  | |  | | | | | |  |  |
|  | 201.0 | | 3.422 | | | | |  | |  | |  | | | | | |  |  |
|  | 202.0 | | 3.404 | | | | |  | |  | |  | | | | | |  |  |
|  | 203.0 | | 3.385 | | | | |  | |  | |  | | | | | |  |  |
|  | 204.0 | | 3.366 | | | | |  | |  | |  | | | | | |  |  |
|  | 205.0 | | 3.347 | | | | |  | |  | |  | | | | | |  |  |
|  | 206.0 | | 3.328 | | | | |  | |  | |  | | | | | |  |  |
|  | 207.0 | | 3.31 | | | | |  | |  | |  | | | | | |  |  |
|  | 208.0 | | 3.293 | | | | |  | |  | |  | | | | | |  |  |
|  | 209.0 | | 3.277 | | | | |  | |  | |  | | | | | |  |  |
|  | 210.0 | | 3.263 | | | | |  | |  | |  | | | | | |  |  |
|  | 211.0 | | 3.251 | | | | |  | |  | |  | | | | | |  |  |
|  | 212.0 | | 3.242 | | | | |  | |  | |  | | | | | |  |  |
|  | 213.0 | | 3.235 | | | | |  | |  | |  | | | | | |  |  |
|  | 214.0 | | 3.23 | | | | |  | |  | |  | | | | | |  |  |
|  | 215.0 | | 3.228 | | | | |  | |  | |  | | | | | |  |  |
|  | 216.0 | | 3.23 | | | | |  | |  | |  | | | | | |  |  |
|  | 217.0 | | 3.234 | | | | |  | |  | |  | | | | | |  |  |
|  | 218.0 | | 3.241 | | | | |  | |  | |  | | | | | |  |  |
|  | 219.0 | | 3.251 | | | | |  | |  | |  | | | | | |  |  |
|  | 220.0 | | 3.263 | | | | |  | |  | |  | | | | | |  |  |
|  | 221.0 | | 3.278 | | | | |  | |  | |  | | | | | |  |  |
|  | 222.0 | | 3.296 | | | | |  | |  | |  | | | | | |  |  |
|  | 223.0 | | 3.315 | | | | |  | |  | |  | | | | | |  |  |
|  | 224.0 | | 3.337 | | | | |  | |  | |  | | | | | |  |  |
|  | 225.0 | | 3.36 | | | | |  | |  | |  | | | | | |  |  |
|  | 226.0 | | 3.384 | | | | |  | |  | |  | | | | | |  |  |
|  | 227.0 | | 3.408 | | | | |  | |  | |  | | | | | |  |  |
|  | 228.0 | | 3.434 | | | | |  | |  | |  | | | | | |  |  |
|  | 229.0 | | 3.459 | | | | |  | |  | |  | | | | | |  |  |
|  | 230.0 | | 3.484 | | | | |  | |  | |  | | | | | |  |  |
|  | 231.0 | | 3.508 | | | | |  | |  | |  | | | | | |  |  |
|  | 232.0 | | 3.531 | | | | |  | |  | |  | | | | | |  |  |
|  | 233.0 | | 3.553 | | | | |  | |  | |  | | | | | |  |  |
|  | 234.0 | | 3.573 | | | | |  | |  | |  | | | | | |  |  |
|  | 235.0 | | 3.591 | | | | |  | |  | |  | | | | | |  |  |
|  | 236.0 | | 3.606 | | | | |  | |  | |  | | | | | |  |  |
|  | 237.0 | | 3.619 | | | | |  | |  | |  | | | | | |  |  |
|  | 238.0 | | 3.629 | | | | |  | |  | |  | | | | | |  |  |
|  | 239.0 | | 3.637 | | | | |  | |  | |  | | | | | |  |  |
|  | 240.0 | | 3.641 | | | | |  | |  | |  | | | | | |  |  |
|  | 241.0 | | 3.643 | | | | |  | |  | |  | | | | | |  |  |
|  | 242.0 | | 3.642 | | | | |  | |  | |  | | | | | |  |  |
|  | 243.0 | | 3.637 | | | | |  | |  | |  | | | | | |  |  |
|  | 244.0 | | 3.63 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 245.0 | | 3.621 | | | | |  | |  | |  | | | | | |  |  |
|  | 246.0 | | 3.609 | | | | |  | |  | |  | | | | | |  |  |
|  | 247.0 | | 3.594 | | | | |  | |  | |  | | | | | |  |  |
|  | 248.0 | | 3.578 | | | | |  | |  | |  | | | | | |  |  |
|  | 249.0 | | 3.561 | | | | |  | |  | |  | | | | | |  |  |
|  | 250.0 | | 3.542 | | | | |  | |  | |  | | | | | |  |  |
|  | 251.0 | | 3.523 | | | | |  | |  | |  | | | | | |  |  |
|  | 252.0 | | 3.503 | | | | |  | |  | |  | | | | | |  |  |
|  | 253.0 | | 3.483 | | | | |  | |  | |  | | | | | |  |  |
|  | 254.0 | | 3.463 | | | | |  | |  | |  | | | | | |  |  |
|  | 255.0 | | 3.444 | | | | |  | |  | |  | | | | | |  |  |
|  | 256.0 | | 3.426 | | | | |  | |  | |  | | | | | |  |  |
|  | 257.0 | | 3.41 | | | | |  | |  | |  | | | | | |  |  |
|  | 258.0 | | 3.396 | | | | |  | |  | |  | | | | | |  |  |
|  | 259.0 | | 3.383 | | | | |  | |  | |  | | | | | |  |  |
|  | 260.0 | | 3.373 | | | | |  | |  | |  | | | | | |  |  |
|  | 261.0 | | 3.366 | | | | |  | |  | |  | | | | | |  |  |
|  | 262.0 | | 3.361 | | | | |  | |  | |  | | | | | |  |  |
|  | 263.0 | | 3.36 | | | | |  | |  | |  | | | | | |  |  |
|  | 264.0 | | 3.361 | | | | |  | |  | |  | | | | | |  |  |
|  | 265.0 | | 3.365 | | | | |  | |  | |  | | | | | |  |  |
|  | 266.0 | | 3.372 | | | | |  | |  | |  | | | | | |  |  |
|  | 267.0 | | 3.383 | | | | |  | |  | |  | | | | | |  |  |
|  | 268.0 | | 3.396 | | | | |  | |  | |  | | | | | |  |  |
|  | 269.0 | | 3.411 | | | | |  | |  | |  | | | | | |  |  |
|  | 270.0 | | 3.43 | | | | |  | |  | |  | | | | | |  |  |
|  | 271.0 | | 3.45 | | | | |  | |  | |  | | | | | |  |  |
|  | 272.0 | | 3.472 | | | | |  | |  | |  | | | | | |  |  |
|  | 273.0 | | 3.496 | | | | |  | |  | |  | | | | | |  |  |
|  | 274.0 | | 3.521 | | | | |  | |  | |  | | | | | |  |  |
|  | 275.0 | | 3.547 | | | | |  | |  | |  | | | | | |  |  |
|  | 276.0 | | 3.573 | | | | |  | |  | |  | | | | | |  |  |
|  | 277.0 | | 3.599 | | | | |  | |  | |  | | | | | |  |  |
|  | 278.0 | | 3.625 | | | | |  | |  | |  | | | | | |  |  |
|  | 279.0 | | 3.651 | | | | |  | |  | |  | | | | | |  |  |
|  | 280.0 | | 3.675 | | | | |  | |  | |  | | | | | |  |  |
|  | 281.0 | | 3.697 | | | | |  | |  | |  | | | | | |  |  |
|  | 282.0 | | 3.718 | | | | |  | |  | |  | | | | | |  |  |
|  | 283.0 | | 3.736 | | | | |  | |  | |  | | | | | |  |  |
|  | 284.0 | | 3.753 | | | | |  | |  | |  | | | | | |  |  |
|  | 285.0 | | 3.766 | | | | |  | |  | |  | | | | | |  |  |
|  | 286.0 | | 3.777 | | | | |  | |  | |  | | | | | |  |  |
|  | 287.0 | | 3.785 | | | | |  | |  | |  | | | | | |  |  |
|  | 288.0 | | 3.789 | | | | |  | |  | |  | | | | | |  |  |
|  | 289.0 | | 3.791 | | | | |  | |  | |  | | | | | |  |  |
|  | 290.0 | | 3.789 | | | | |  | |  | |  | | | | | |  |  |
|  | 291.0 | | 3.785 | | | | |  | |  | |  | | | | | |  |  |
|  | 292.0 | | 3.778 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 293.0 | | 3.768 | | | | |  | |  | |  | | |  | | |  |  |
|  | 294.0 | | 3.755 | | | | |  | |  | |  | | |  | | |  |  |
|  | 295.0 | | 3.74 | | | | |  | |  | |  | | |  | | |  |  |
|  | 296.0 | | 3.724 | | | | |  | |  | |  | | |  | | |  |  |
|  | 297.0 | | 3.705 | | | | |  | |  | |  | | |  | | |  |  |
|  | 298.0 | | 3.686 | | | | |  | |  | |  | | |  | | |  |  |
|  | 299.0 | | 3.666 | | | | |  | |  | |  | | |  | | |  |  |
|  | 300.0 | | 3.645 | | | | |  | |  | |  | | |  | | |  |  |
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|  | Table Function: tfPriceGasolineA\_low | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | NEAREST | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/litre | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.0 | | 4.121 | | | | |  | |  | |  | | |  | | |  |  |
|  | 2.0 | | 4.02 | | | | |  | |  | |  | | |  | | |  |  |
|  | 3.0 | | 3.953 | | | | |  | |  | |  | | |  | | |  |  |
|  | 4.0 | | 4.029 | | | | |  | |  | |  | | |  | | |  |  |
|  | 5.0 | | 4.113 | | | | |  | |  | |  | | |  | | |  |  |
|  | 6.0 | | 4.249 | | | | |  | |  | |  | | |  | | |  |  |
|  | 7.0 | | 3.839 | | | | |  | |  | |  | | |  | | |  |  |
|  | 8.0 | | 3.743 | | | | |  | |  | |  | | |  | | |  |  |
|  | 9.0 | | 3.721 | | | | |  | |  | |  | | |  | | |  |  |
|  | 10.0 | | 3.786 | | | | |  | |  | |  | | |  | | |  |  |
|  | 11.0 | | 3.75 | | | | |  | |  | |  | | |  | | |  |  |
|  | 12.0 | | 3.697 | | | | |  | |  | |  | | |  | | |  |  |
|  | 13.0 | | 3.718 | | | | |  | |  | |  | | |  | | |  |  |
|  | 14.0 | | 3.778 | | | | |  | |  | |  | | |  | | |  |  |
|  | 15.0 | | 3.769 | | | | |  | |  | |  | | |  | | |  |  |
|  | 16.0 | | 3.613 | | | | |  | |  | |  | | |  | | |  |  |
|  | 17.0 | | 3.529 | | | | |  | |  | |  | | |  | | |  |  |
|  | 18.0 | | 3.451 | | | | |  | |  | |  | | |  | | |  |  |
|  | 19.0 | | 3.816 | | | | |  | |  | |  | | |  | | |  |  |
|  | 20.0 | | 3.734 | | | | |  | |  | |  | | |  | | |  |  |
|  | 21.0 | | 3.716 | | | | |  | |  | |  | | |  | | |  |  |
|  | 22.0 | | 3.74 | | | | |  | |  | |  | | |  | | |  |  |
|  | 23.0 | | 3.677 | | | | |  | |  | |  | | |  | | |  |  |
|  | 24.0 | | 3.695 | | | | |  | |  | |  | | |  | | |  |  |
|  | 25.0 | | 3.746 | | | | |  | |  | |  | | |  | | |  |  |
|  | 26.0 | | 3.73 | | | | |  | |  | |  | | |  | | |  |  |
|  | 27.0 | | 3.69 | | | | |  | |  | |  | | |  | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 28.0 | | 3.698 | | | | |  | |  | |  | | | | | |  |  |
|  | 29.0 | | 3.788 | | | | |  | |  | |  | | | | | |  |  |
|  | 30.0 | | 3.804 | | | | |  | |  | |  | | | | | |  |  |
|  | 31.0 | | 3.713 | | | | |  | |  | |  | | | | | |  |  |
|  | 32.0 | | 3.749 | | | | |  | |  | |  | | | | | |  |  |
|  | 33.0 | | 3.718 | | | | |  | |  | |  | | | | | |  |  |
|  | 34.0 | | 4.009 | | | | |  | |  | |  | | | | | |  |  |
|  | 35.0 | | 4.002 | | | | |  | |  | |  | | | | | |  |  |
|  | 36.0 | | 3.928 | | | | |  | |  | |  | | | | | |  |  |
|  | 37.0 | | 3.937 | | | | |  | |  | |  | | | | | |  |  |
|  | 38.0 | | 3.915 | | | | |  | |  | |  | | | | | |  |  |
|  | 39.0 | | 3.733 | | | | |  | |  | |  | | | | | |  |  |
|  | 40.0 | | 3.933 | | | | |  | |  | |  | | | | | |  |  |
|  | 41.0 | | 3.999 | | | | |  | |  | |  | | | | | |  |  |
|  | 42.0 | | 3.969 | | | | |  | |  | |  | | | | | |  |  |
|  | 43.0 | | 3.882 | | | | |  | |  | |  | | | | | |  |  |
|  | 44.0 | | 3.894 | | | | |  | |  | |  | | | | | |  |  |
|  | 45.0 | | 3.911 | | | | |  | |  | |  | | | | | |  |  |
|  | 46.0 | | 3.863 | | | | |  | |  | |  | | | | | |  |  |
|  | 47.0 | | 3.895 | | | | |  | |  | |  | | | | | |  |  |
|  | 48.0 | | 3.926 | | | | |  | |  | |  | | | | | |  |  |
|  | 49.0 | | 3.84 | | | | |  | |  | |  | | | | | |  |  |
|  | 50.0 | | 3.85 | | | | |  | |  | |  | | | | | |  |  |
|  | 51.0 | | 3.815 | | | | |  | |  | |  | | | | | |  |  |
|  | 52.0 | | 3.791 | | | | |  | |  | |  | | | | | |  |  |
|  | 53.0 | | 3.88 | | | | |  | |  | |  | | | | | |  |  |
|  | 54.0 | | 3.93 | | | | |  | |  | |  | | | | | |  |  |
|  | 55.0 | | 3.957 | | | | |  | |  | |  | | | | | |  |  |
|  | 56.0 | | 3.904 | | | | |  | |  | |  | | | | | |  |  |
|  | 57.0 | | 3.859 | | | | |  | |  | |  | | | | | |  |  |
|  | 58.0 | | 3.778 | | | | |  | |  | |  | | | | | |  |  |
|  | 59.0 | | 3.674 | | | | |  | |  | |  | | | | | |  |  |
|  | 60.0 | | 3.608 | | | | |  | |  | |  | | | | | |  |  |
|  | 61.0 | | 3.64 | | | | |  | |  | |  | | | | | |  |  |
|  | 62.0 | | 3.625 | | | | |  | |  | |  | | | | | |  |  |
|  | 63.0 | | 3.578 | | | | |  | |  | |  | | | | | |  |  |
|  | 64.0 | | 3.54 | | | | |  | |  | |  | | | | | |  |  |
|  | 65.0 | | 3.478 | | | | |  | |  | |  | | | | | |  |  |
|  | 66.0 | | 3.428 | | | | |  | |  | |  | | | | | |  |  |
|  | 67.0 | | 3.371 | | | | |  | |  | |  | | | | | |  |  |
|  | 68.0 | | 3.385 | | | | |  | |  | |  | | | | | |  |  |
|  | 69.0 | | 3.358 | | | | |  | |  | |  | | | | | |  |  |
|  | 70.0 | | 3.349 | | | | |  | |  | |  | | | | | |  |  |
|  | 71.0 | | 3.348 | | | | |  | |  | |  | | | | | |  |  |
|  | 72.0 | | 3.36 | | | | |  | |  | |  | | | | | |  |  |
|  | 73.0 | | 3.352 | | | | |  | |  | |  | | | | | |  |  |
|  | 74.0 | | 3.365 | | | | |  | |  | |  | | | | | |  |  |
|  | 75.0 | | 3.44 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 76.0 | | 3.429 | | | | |  | |  | |  | | | | | |  |  |
|  | 77.0 | | 3.437 | | | | |  | |  | |  | | | | | |  |  |
|  | 78.0 | | 3.439 | | | | |  | |  | |  | | | | | |  |  |
|  | 79.0 | | 3.405 | | | | |  | |  | |  | | | | | |  |  |
|  | 80.0 | | 3.395 | | | | |  | |  | |  | | | | | |  |  |
|  | 81.0 | | 3.358 | | | | |  | |  | |  | | | | | |  |  |
|  | 82.0 | | 3.354 | | | | |  | |  | |  | | | | | |  |  |
|  | 83.0 | | 3.348 | | | | |  | |  | |  | | | | | |  |  |
|  | 84.0 | | 3.317 | | | | |  | |  | |  | | | | | |  |  |
|  | 85.0 | | 3.299 | | | | |  | |  | |  | | | | | |  |  |
|  | 86.0 | | 3.182 | | | | |  | |  | |  | | | | | |  |  |
|  | 87.0 | | 3.243 | | | | |  | |  | |  | | | | | |  |  |
|  | 88.0 | | 3.187 | | | | |  | |  | |  | | | | | |  |  |
|  | 89.0 | | 3.315 | | | | |  | |  | |  | | | | | |  |  |
|  | 90.0 | | 3.304 | | | | |  | |  | |  | | | | | |  |  |
|  | 91.0 | | 3.238 | | | | |  | |  | |  | | | | | |  |  |
|  | 92.0 | | 3.186 | | | | |  | |  | |  | | | | | |  |  |
|  | 93.0 | | 3.139 | | | | |  | |  | |  | | | | | |  |  |
|  | 94.0 | | 3.116 | | | | |  | |  | |  | | | | | |  |  |
|  | 95.0 | | 3.057 | | | | |  | |  | |  | | | | | |  |  |
|  | 96.0 | | 3.017 | | | | |  | |  | |  | | | | | |  |  |
|  | 97.0 | | 3.029 | | | | |  | |  | |  | | | | | |  |  |
|  | 98.0 | | 2.977 | | | | |  | |  | |  | | | | | |  |  |
|  | 99.0 | | 2.851 | | | | |  | |  | |  | | | | | |  |  |
|  | 100.0 | | 3.132 | | | | |  | |  | |  | | | | | |  |  |
|  | 101.0 | | 3.278 | | | | |  | |  | |  | | | | | |  |  |
|  | 102.0 | | 3.249 | | | | |  | |  | |  | | | | | |  |  |
|  | 103.0 | | 3.121 | | | | |  | |  | |  | | | | | |  |  |
|  | 104.0 | | 3.084 | | | | |  | |  | |  | | | | | |  |  |
|  | 105.0 | | 3.054 | | | | |  | |  | |  | | | | | |  |  |
|  | 106.0 | | 2.945 | | | | |  | |  | |  | | | | | |  |  |
|  | 107.0 | | 2.921 | | | | |  | |  | |  | | | | | |  |  |
|  | 108.0 | | 2.933 | | | | |  | |  | |  | | | | | |  |  |
|  | 109.0 | | 2.937 | | | | |  | |  | |  | | | | | |  |  |
|  | 110.0 | | 2.948 | | | | |  | |  | |  | | | | | |  |  |
|  | 111.0 | | 2.57 | | | | |  | |  | |  | | | | | |  |  |
|  | 112.0 | | 2.551 | | | | |  | |  | |  | | | | | |  |  |
|  | 113.0 | | 2.532 | | | | |  | |  | |  | | | | | |  |  |
|  | 114.0 | | 2.515 | | | | |  | |  | |  | | | | | |  |  |
|  | 115.0 | | 2.5 | | | | |  | |  | |  | | | | | |  |  |
|  | 116.0 | | 2.486 | | | | |  | |  | |  | | | | | |  |  |
|  | 117.0 | | 2.474 | | | | |  | |  | |  | | | | | |  |  |
|  | 118.0 | | 2.465 | | | | |  | |  | |  | | | | | |  |  |
|  | 119.0 | | 2.457 | | | | |  | |  | |  | | | | | |  |  |
|  | 120.0 | | 2.452 | | | | |  | |  | |  | | | | | |  |  |
|  | 121.0 | | 2.449 | | | | |  | |  | |  | | | | | |  |  |
|  | 122.0 | | 2.448 | | | | |  | |  | |  | | | | | |  |  |
|  | 123.0 | | 2.45 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 124.0 | | 2.453 | | | | |  | |  | |  | | | | | |  |  |
|  | 125.0 | | 2.458 | | | | |  | |  | |  | | | | | |  |  |
|  | 126.0 | | 2.465 | | | | |  | |  | |  | | | | | |  |  |
|  | 127.0 | | 2.473 | | | | |  | |  | |  | | | | | |  |  |
|  | 128.0 | | 2.483 | | | | |  | |  | |  | | | | | |  |  |
|  | 129.0 | | 2.494 | | | | |  | |  | |  | | | | | |  |  |
|  | 130.0 | | 2.505 | | | | |  | |  | |  | | | | | |  |  |
|  | 131.0 | | 2.517 | | | | |  | |  | |  | | | | | |  |  |
|  | 132.0 | | 2.53 | | | | |  | |  | |  | | | | | |  |  |
|  | 133.0 | | 2.542 | | | | |  | |  | |  | | | | | |  |  |
|  | 134.0 | | 2.554 | | | | |  | |  | |  | | | | | |  |  |
|  | 135.0 | | 2.565 | | | | |  | |  | |  | | | | | |  |  |
|  | 136.0 | | 2.575 | | | | |  | |  | |  | | | | | |  |  |
|  | 137.0 | | 2.585 | | | | |  | |  | |  | | | | | |  |  |
|  | 138.0 | | 2.593 | | | | |  | |  | |  | | | | | |  |  |
|  | 139.0 | | 2.599 | | | | |  | |  | |  | | | | | |  |  |
|  | 140.0 | | 2.604 | | | | |  | |  | |  | | | | | |  |  |
|  | 141.0 | | 2.607 | | | | |  | |  | |  | | | | | |  |  |
|  | 142.0 | | 2.607 | | | | |  | |  | |  | | | | | |  |  |
|  | 143.0 | | 2.606 | | | | |  | |  | |  | | | | | |  |  |
|  | 144.0 | | 2.603 | | | | |  | |  | |  | | | | | |  |  |
|  | 145.0 | | 2.597 | | | | |  | |  | |  | | | | | |  |  |
|  | 146.0 | | 2.59 | | | | |  | |  | |  | | | | | |  |  |
|  | 147.0 | | 2.58 | | | | |  | |  | |  | | | | | |  |  |
|  | 148.0 | | 2.569 | | | | |  | |  | |  | | | | | |  |  |
|  | 149.0 | | 2.556 | | | | |  | |  | |  | | | | | |  |  |
|  | 150.0 | | 2.541 | | | | |  | |  | |  | | | | | |  |  |
|  | 151.0 | | 2.525 | | | | |  | |  | |  | | | | | |  |  |
|  | 152.0 | | 2.507 | | | | |  | |  | |  | | | | | |  |  |
|  | 153.0 | | 2.488 | | | | |  | |  | |  | | | | | |  |  |
|  | 154.0 | | 2.469 | | | | |  | |  | |  | | | | | |  |  |
|  | 155.0 | | 2.449 | | | | |  | |  | |  | | | | | |  |  |
|  | 156.0 | | 2.429 | | | | |  | |  | |  | | | | | |  |  |
|  | 157.0 | | 2.409 | | | | |  | |  | |  | | | | | |  |  |
|  | 158.0 | | 2.39 | | | | |  | |  | |  | | | | | |  |  |
|  | 159.0 | | 2.371 | | | | |  | |  | |  | | | | | |  |  |
|  | 160.0 | | 2.353 | | | | |  | |  | |  | | | | | |  |  |
|  | 161.0 | | 2.336 | | | | |  | |  | |  | | | | | |  |  |
|  | 162.0 | | 2.32 | | | | |  | |  | |  | | | | | |  |  |
|  | 163.0 | | 2.306 | | | | |  | |  | |  | | | | | |  |  |
|  | 164.0 | | 2.293 | | | | |  | |  | |  | | | | | |  |  |
|  | 165.0 | | 2.282 | | | | |  | |  | |  | | | | | |  |  |
|  | 166.0 | | 2.273 | | | | |  | |  | |  | | | | | |  |  |
|  | 167.0 | | 2.267 | | | | |  | |  | |  | | | | | |  |  |
|  | 168.0 | | 2.262 | | | | |  | |  | |  | | | | | |  |  |
|  | 169.0 | | 2.259 | | | | |  | |  | |  | | | | | |  |  |
|  | 170.0 | | 2.258 | | | | |  | |  | |  | | | | | |  |  |
|  | 171.0 | | 2.259 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 172.0 | | 2.262 | | | | |  | |  | |  | | | | | |  |  |
|  | 173.0 | | 2.267 | | | | |  | |  | |  | | | | | |  |  |
|  | 174.0 | | 2.274 | | | | |  | |  | |  | | | | | |  |  |
|  | 175.0 | | 2.281 | | | | |  | |  | |  | | | | | |  |  |
|  | 176.0 | | 2.29 | | | | |  | |  | |  | | | | | |  |  |
|  | 177.0 | | 2.3 | | | | |  | |  | |  | | | | | |  |  |
|  | 178.0 | | 2.311 | | | | |  | |  | |  | | | | | |  |  |
|  | 179.0 | | 2.322 | | | | |  | |  | |  | | | | | |  |  |
|  | 180.0 | | 2.333 | | | | |  | |  | |  | | | | | |  |  |
|  | 181.0 | | 2.344 | | | | |  | |  | |  | | | | | |  |  |
|  | 182.0 | | 2.355 | | | | |  | |  | |  | | | | | |  |  |
|  | 183.0 | | 2.366 | | | | |  | |  | |  | | | | | |  |  |
|  | 184.0 | | 2.375 | | | | |  | |  | |  | | | | | |  |  |
|  | 185.0 | | 2.384 | | | | |  | |  | |  | | | | | |  |  |
|  | 186.0 | | 2.391 | | | | |  | |  | |  | | | | | |  |  |
|  | 187.0 | | 2.397 | | | | |  | |  | |  | | | | | |  |  |
|  | 188.0 | | 2.402 | | | | |  | |  | |  | | | | | |  |  |
|  | 189.0 | | 2.404 | | | | |  | |  | |  | | | | | |  |  |
|  | 190.0 | | 2.405 | | | | |  | |  | |  | | | | | |  |  |
|  | 191.0 | | 2.404 | | | | |  | |  | |  | | | | | |  |  |
|  | 192.0 | | 2.401 | | | | |  | |  | |  | | | | | |  |  |
|  | 193.0 | | 2.396 | | | | |  | |  | |  | | | | | |  |  |
|  | 194.0 | | 2.389 | | | | |  | |  | |  | | | | | |  |  |
|  | 195.0 | | 2.38 | | | | |  | |  | |  | | | | | |  |  |
|  | 196.0 | | 2.37 | | | | |  | |  | |  | | | | | |  |  |
|  | 197.0 | | 2.357 | | | | |  | |  | |  | | | | | |  |  |
|  | 198.0 | | 2.344 | | | | |  | |  | |  | | | | | |  |  |
|  | 199.0 | | 2.329 | | | | |  | |  | |  | | | | | |  |  |
|  | 200.0 | | 2.312 | | | | |  | |  | |  | | | | | |  |  |
|  | 201.0 | | 2.295 | | | | |  | |  | |  | | | | | |  |  |
|  | 202.0 | | 2.277 | | | | |  | |  | |  | | | | | |  |  |
|  | 203.0 | | 2.259 | | | | |  | |  | |  | | | | | |  |  |
|  | 204.0 | | 2.241 | | | | |  | |  | |  | | | | | |  |  |
|  | 205.0 | | 2.222 | | | | |  | |  | |  | | | | | |  |  |
|  | 206.0 | | 2.204 | | | | |  | |  | |  | | | | | |  |  |
|  | 207.0 | | 2.187 | | | | |  | |  | |  | | | | | |  |  |
|  | 208.0 | | 2.17 | | | | |  | |  | |  | | | | | |  |  |
|  | 209.0 | | 2.154 | | | | |  | |  | |  | | | | | |  |  |
|  | 210.0 | | 2.14 | | | | |  | |  | |  | | | | | |  |  |
|  | 211.0 | | 2.127 | | | | |  | |  | |  | | | | | |  |  |
|  | 212.0 | | 2.115 | | | | |  | |  | |  | | | | | |  |  |
|  | 213.0 | | 2.105 | | | | |  | |  | |  | | | | | |  |  |
|  | 214.0 | | 2.097 | | | | |  | |  | |  | | | | | |  |  |
|  | 215.0 | | 2.091 | | | | |  | |  | |  | | | | | |  |  |
|  | 216.0 | | 2.086 | | | | |  | |  | |  | | | | | |  |  |
|  | 217.0 | | 2.084 | | | | |  | |  | |  | | | | | |  |  |
|  | 218.0 | | 2.083 | | | | |  | |  | |  | | | | | |  |  |
|  | 219.0 | | 2.084 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 220.0 | | 2.087 | | | | |  | |  | |  | | | | | |  |  |
|  | 221.0 | | 2.091 | | | | |  | |  | |  | | | | | |  |  |
|  | 222.0 | | 2.097 | | | | |  | |  | |  | | | | | |  |  |
|  | 223.0 | | 2.104 | | | | |  | |  | |  | | | | | |  |  |
|  | 224.0 | | 2.112 | | | | |  | |  | |  | | | | | |  |  |
|  | 225.0 | | 2.122 | | | | |  | |  | |  | | | | | |  |  |
|  | 226.0 | | 2.131 | | | | |  | |  | |  | | | | | |  |  |
|  | 227.0 | | 2.142 | | | | |  | |  | |  | | | | | |  |  |
|  | 228.0 | | 2.152 | | | | |  | |  | |  | | | | | |  |  |
|  | 229.0 | | 2.162 | | | | |  | |  | |  | | | | | |  |  |
|  | 230.0 | | 2.173 | | | | |  | |  | |  | | | | | |  |  |
|  | 231.0 | | 2.182 | | | | |  | |  | |  | | | | | |  |  |
|  | 232.0 | | 2.191 | | | | |  | |  | |  | | | | | |  |  |
|  | 233.0 | | 2.199 | | | | |  | |  | |  | | | | | |  |  |
|  | 234.0 | | 2.206 | | | | |  | |  | |  | | | | | |  |  |
|  | 235.0 | | 2.211 | | | | |  | |  | |  | | | | | |  |  |
|  | 236.0 | | 2.215 | | | | |  | |  | |  | | | | | |  |  |
|  | 237.0 | | 2.218 | | | | |  | |  | |  | | | | | |  |  |
|  | 238.0 | | 2.218 | | | | |  | |  | |  | | | | | |  |  |
|  | 239.0 | | 2.217 | | | | |  | |  | |  | | | | | |  |  |
|  | 240.0 | | 2.214 | | | | |  | |  | |  | | | | | |  |  |
|  | 241.0 | | 2.21 | | | | |  | |  | |  | | | | | |  |  |
|  | 242.0 | | 2.203 | | | | |  | |  | |  | | | | | |  |  |
|  | 243.0 | | 2.195 | | | | |  | |  | |  | | | | | |  |  |
|  | 244.0 | | 2.186 | | | | |  | |  | |  | | | | | |  |  |
|  | 245.0 | | 2.174 | | | | |  | |  | |  | | | | | |  |  |
|  | 246.0 | | 2.162 | | | | |  | |  | |  | | | | | |  |  |
|  | 247.0 | | 2.148 | | | | |  | |  | |  | | | | | |  |  |
|  | 248.0 | | 2.133 | | | | |  | |  | |  | | | | | |  |  |
|  | 249.0 | | 2.117 | | | | |  | |  | |  | | | | | |  |  |
|  | 250.0 | | 2.101 | | | | |  | |  | |  | | | | | |  |  |
|  | 251.0 | | 2.084 | | | | |  | |  | |  | | | | | |  |  |
|  | 252.0 | | 2.067 | | | | |  | |  | |  | | | | | |  |  |
|  | 253.0 | | 2.05 | | | | |  | |  | |  | | | | | |  |  |
|  | 254.0 | | 2.033 | | | | |  | |  | |  | | | | | |  |  |
|  | 255.0 | | 2.017 | | | | |  | |  | |  | | | | | |  |  |
|  | 256.0 | | 2.002 | | | | |  | |  | |  | | | | | |  |  |
|  | 257.0 | | 1.987 | | | | |  | |  | |  | | | | | |  |  |
|  | 258.0 | | 1.974 | | | | |  | |  | |  | | | | | |  |  |
|  | 259.0 | | 1.962 | | | | |  | |  | |  | | | | | |  |  |
|  | 260.0 | | 1.951 | | | | |  | |  | |  | | | | | |  |  |
|  | 261.0 | | 1.942 | | | | |  | |  | |  | | | | | |  |  |
|  | 262.0 | | 1.934 | | | | |  | |  | |  | | | | | |  |  |
|  | 263.0 | | 1.928 | | | | |  | |  | |  | | | | | |  |  |
|  | 264.0 | | 1.924 | | | | |  | |  | |  | | | | | |  |  |
|  | 265.0 | | 1.922 | | | | |  | |  | |  | | | | | |  |  |
|  | 266.0 | | 1.921 | | | | |  | |  | |  | | | | | |  |  |
|  | 267.0 | | 1.922 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 268.0 | | 1.925 | | | | |  | |  | |  | | |  | | |  |  |
|  | 269.0 | | 1.929 | | | | |  | |  | |  | | |  | | |  |  |
|  | 270.0 | | 1.934 | | | | |  | |  | |  | | |  | | |  |  |
|  | 271.0 | | 1.941 | | | | |  | |  | |  | | |  | | |  |  |
|  | 272.0 | | 1.948 | | | | |  | |  | |  | | |  | | |  |  |
|  | 273.0 | | 1.957 | | | | |  | |  | |  | | |  | | |  |  |
|  | 274.0 | | 1.966 | | | | |  | |  | |  | | |  | | |  |  |
|  | 275.0 | | 1.975 | | | | |  | |  | |  | | |  | | |  |  |
|  | 276.0 | | 1.985 | | | | |  | |  | |  | | |  | | |  |  |
|  | 277.0 | | 1.995 | | | | |  | |  | |  | | |  | | |  |  |
|  | 278.0 | | 2.004 | | | | |  | |  | |  | | |  | | |  |  |
|  | 279.0 | | 2.013 | | | | |  | |  | |  | | |  | | |  |  |
|  | 280.0 | | 2.021 | | | | |  | |  | |  | | |  | | |  |  |
|  | 281.0 | | 2.028 | | | | |  | |  | |  | | |  | | |  |  |
|  | 282.0 | | 2.035 | | | | |  | |  | |  | | |  | | |  |  |
|  | 283.0 | | 2.04 | | | | |  | |  | |  | | |  | | |  |  |
|  | 284.0 | | 2.043 | | | | |  | |  | |  | | |  | | |  |  |
|  | 285.0 | | 2.045 | | | | |  | |  | |  | | |  | | |  |  |
|  | 286.0 | | 2.046 | | | | |  | |  | |  | | |  | | |  |  |
|  | 287.0 | | 2.045 | | | | |  | |  | |  | | |  | | |  |  |
|  | 288.0 | | 2.043 | | | | |  | |  | |  | | |  | | |  |  |
|  | 289.0 | | 2.038 | | | | |  | |  | |  | | |  | | |  |  |
|  | 290.0 | | 2.032 | | | | |  | |  | |  | | |  | | |  |  |
|  | 291.0 | | 2.025 | | | | |  | |  | |  | | |  | | |  |  |
|  | 292.0 | | 2.016 | | | | |  | |  | |  | | |  | | |  |  |
|  | 293.0 | | 2.006 | | | | |  | |  | |  | | |  | | |  |  |
|  | 294.0 | | 1.994 | | | | |  | |  | |  | | |  | | |  |  |
|  | 295.0 | | 1.981 | | | | |  | |  | |  | | |  | | |  |  |
|  | 296.0 | | 1.967 | | | | |  | |  | |  | | |  | | |  |  |
|  | 297.0 | | 1.953 | | | | |  | |  | |  | | |  | | |  |  |
|  | 298.0 | | 1.938 | | | | |  | |  | |  | | |  | | |  |  |
|  | 299.0 | | 1.922 | | | | |  | |  | |  | | |  | | |  |  |
|  | 300.0 | | 1.906 | | | | |  | |  | |  | | |  | | |  |  |
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|  | Table Function: tfPriceGasolineA\_high | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | NEAREST | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/litre | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.0 | | 4.121 | | | | |  | |  | |  | | |  | | |  |  |
|  | 2.0 | | 4.02 | | | | |  | |  | |  | | |  | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 3.0 | | 3.953 | | | | |  | |  | |  | | | | | |  |  |
|  | 4.0 | | 4.029 | | | | |  | |  | |  | | | | | |  |  |
|  | 5.0 | | 4.113 | | | | |  | |  | |  | | | | | |  |  |
|  | 6.0 | | 4.249 | | | | |  | |  | |  | | | | | |  |  |
|  | 7.0 | | 3.839 | | | | |  | |  | |  | | | | | |  |  |
|  | 8.0 | | 3.743 | | | | |  | |  | |  | | | | | |  |  |
|  | 9.0 | | 3.721 | | | | |  | |  | |  | | | | | |  |  |
|  | 10.0 | | 3.786 | | | | |  | |  | |  | | | | | |  |  |
|  | 11.0 | | 3.75 | | | | |  | |  | |  | | | | | |  |  |
|  | 12.0 | | 3.697 | | | | |  | |  | |  | | | | | |  |  |
|  | 13.0 | | 3.718 | | | | |  | |  | |  | | | | | |  |  |
|  | 14.0 | | 3.778 | | | | |  | |  | |  | | | | | |  |  |
|  | 15.0 | | 3.769 | | | | |  | |  | |  | | | | | |  |  |
|  | 16.0 | | 3.613 | | | | |  | |  | |  | | | | | |  |  |
|  | 17.0 | | 3.529 | | | | |  | |  | |  | | | | | |  |  |
|  | 18.0 | | 3.451 | | | | |  | |  | |  | | | | | |  |  |
|  | 19.0 | | 3.816 | | | | |  | |  | |  | | | | | |  |  |
|  | 20.0 | | 3.734 | | | | |  | |  | |  | | | | | |  |  |
|  | 21.0 | | 3.716 | | | | |  | |  | |  | | | | | |  |  |
|  | 22.0 | | 3.74 | | | | |  | |  | |  | | | | | |  |  |
|  | 23.0 | | 3.677 | | | | |  | |  | |  | | | | | |  |  |
|  | 24.0 | | 3.695 | | | | |  | |  | |  | | | | | |  |  |
|  | 25.0 | | 3.746 | | | | |  | |  | |  | | | | | |  |  |
|  | 26.0 | | 3.73 | | | | |  | |  | |  | | | | | |  |  |
|  | 27.0 | | 3.69 | | | | |  | |  | |  | | | | | |  |  |
|  | 28.0 | | 3.698 | | | | |  | |  | |  | | | | | |  |  |
|  | 29.0 | | 3.788 | | | | |  | |  | |  | | | | | |  |  |
|  | 30.0 | | 3.804 | | | | |  | |  | |  | | | | | |  |  |
|  | 31.0 | | 3.713 | | | | |  | |  | |  | | | | | |  |  |
|  | 32.0 | | 3.749 | | | | |  | |  | |  | | | | | |  |  |
|  | 33.0 | | 3.718 | | | | |  | |  | |  | | | | | |  |  |
|  | 34.0 | | 4.009 | | | | |  | |  | |  | | | | | |  |  |
|  | 35.0 | | 4.002 | | | | |  | |  | |  | | | | | |  |  |
|  | 36.0 | | 3.928 | | | | |  | |  | |  | | | | | |  |  |
|  | 37.0 | | 3.937 | | | | |  | |  | |  | | | | | |  |  |
|  | 38.0 | | 3.915 | | | | |  | |  | |  | | | | | |  |  |
|  | 39.0 | | 3.733 | | | | |  | |  | |  | | | | | |  |  |
|  | 40.0 | | 3.933 | | | | |  | |  | |  | | | | | |  |  |
|  | 41.0 | | 3.999 | | | | |  | |  | |  | | | | | |  |  |
|  | 42.0 | | 3.969 | | | | |  | |  | |  | | | | | |  |  |
|  | 43.0 | | 3.882 | | | | |  | |  | |  | | | | | |  |  |
|  | 44.0 | | 3.894 | | | | |  | |  | |  | | | | | |  |  |
|  | 45.0 | | 3.911 | | | | |  | |  | |  | | | | | |  |  |
|  | 46.0 | | 3.863 | | | | |  | |  | |  | | | | | |  |  |
|  | 47.0 | | 3.895 | | | | |  | |  | |  | | | | | |  |  |
|  | 48.0 | | 3.926 | | | | |  | |  | |  | | | | | |  |  |
|  | 49.0 | | 3.84 | | | | |  | |  | |  | | | | | |  |  |
|  | 50.0 | | 3.85 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 51.0 | | 3.815 | | | | |  | |  | |  | | | | | |  |  |
|  | 52.0 | | 3.791 | | | | |  | |  | |  | | | | | |  |  |
|  | 53.0 | | 3.88 | | | | |  | |  | |  | | | | | |  |  |
|  | 54.0 | | 3.93 | | | | |  | |  | |  | | | | | |  |  |
|  | 55.0 | | 3.957 | | | | |  | |  | |  | | | | | |  |  |
|  | 56.0 | | 3.904 | | | | |  | |  | |  | | | | | |  |  |
|  | 57.0 | | 3.859 | | | | |  | |  | |  | | | | | |  |  |
|  | 58.0 | | 3.778 | | | | |  | |  | |  | | | | | |  |  |
|  | 59.0 | | 3.674 | | | | |  | |  | |  | | | | | |  |  |
|  | 60.0 | | 3.608 | | | | |  | |  | |  | | | | | |  |  |
|  | 61.0 | | 3.64 | | | | |  | |  | |  | | | | | |  |  |
|  | 62.0 | | 3.625 | | | | |  | |  | |  | | | | | |  |  |
|  | 63.0 | | 3.578 | | | | |  | |  | |  | | | | | |  |  |
|  | 64.0 | | 3.54 | | | | |  | |  | |  | | | | | |  |  |
|  | 65.0 | | 3.478 | | | | |  | |  | |  | | | | | |  |  |
|  | 66.0 | | 3.428 | | | | |  | |  | |  | | | | | |  |  |
|  | 67.0 | | 3.371 | | | | |  | |  | |  | | | | | |  |  |
|  | 68.0 | | 3.385 | | | | |  | |  | |  | | | | | |  |  |
|  | 69.0 | | 3.358 | | | | |  | |  | |  | | | | | |  |  |
|  | 70.0 | | 3.349 | | | | |  | |  | |  | | | | | |  |  |
|  | 71.0 | | 3.348 | | | | |  | |  | |  | | | | | |  |  |
|  | 72.0 | | 3.36 | | | | |  | |  | |  | | | | | |  |  |
|  | 73.0 | | 3.352 | | | | |  | |  | |  | | | | | |  |  |
|  | 74.0 | | 3.365 | | | | |  | |  | |  | | | | | |  |  |
|  | 75.0 | | 3.44 | | | | |  | |  | |  | | | | | |  |  |
|  | 76.0 | | 3.429 | | | | |  | |  | |  | | | | | |  |  |
|  | 77.0 | | 3.437 | | | | |  | |  | |  | | | | | |  |  |
|  | 78.0 | | 3.439 | | | | |  | |  | |  | | | | | |  |  |
|  | 79.0 | | 3.405 | | | | |  | |  | |  | | | | | |  |  |
|  | 80.0 | | 3.395 | | | | |  | |  | |  | | | | | |  |  |
|  | 81.0 | | 3.358 | | | | |  | |  | |  | | | | | |  |  |
|  | 82.0 | | 3.354 | | | | |  | |  | |  | | | | | |  |  |
|  | 83.0 | | 3.348 | | | | |  | |  | |  | | | | | |  |  |
|  | 84.0 | | 3.317 | | | | |  | |  | |  | | | | | |  |  |
|  | 85.0 | | 3.299 | | | | |  | |  | |  | | | | | |  |  |
|  | 86.0 | | 3.182 | | | | |  | |  | |  | | | | | |  |  |
|  | 87.0 | | 3.243 | | | | |  | |  | |  | | | | | |  |  |
|  | 88.0 | | 3.187 | | | | |  | |  | |  | | | | | |  |  |
|  | 89.0 | | 3.315 | | | | |  | |  | |  | | | | | |  |  |
|  | 90.0 | | 3.304 | | | | |  | |  | |  | | | | | |  |  |
|  | 91.0 | | 3.238 | | | | |  | |  | |  | | | | | |  |  |
|  | 92.0 | | 3.186 | | | | |  | |  | |  | | | | | |  |  |
|  | 93.0 | | 3.139 | | | | |  | |  | |  | | | | | |  |  |
|  | 94.0 | | 3.116 | | | | |  | |  | |  | | | | | |  |  |
|  | 95.0 | | 3.057 | | | | |  | |  | |  | | | | | |  |  |
|  | 96.0 | | 3.017 | | | | |  | |  | |  | | | | | |  |  |
|  | 97.0 | | 3.029 | | | | |  | |  | |  | | | | | |  |  |
|  | 98.0 | | 2.977 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 99.0 | | 2.851 | | | | |  | |  | |  | | | | | |  |  |
|  | 100.0 | | 3.132 | | | | |  | |  | |  | | | | | |  |  |
|  | 101.0 | | 3.278 | | | | |  | |  | |  | | | | | |  |  |
|  | 102.0 | | 3.249 | | | | |  | |  | |  | | | | | |  |  |
|  | 103.0 | | 3.121 | | | | |  | |  | |  | | | | | |  |  |
|  | 104.0 | | 3.084 | | | | |  | |  | |  | | | | | |  |  |
|  | 105.0 | | 3.054 | | | | |  | |  | |  | | | | | |  |  |
|  | 106.0 | | 2.945 | | | | |  | |  | |  | | | | | |  |  |
|  | 107.0 | | 2.921 | | | | |  | |  | |  | | | | | |  |  |
|  | 108.0 | | 2.933 | | | | |  | |  | |  | | | | | |  |  |
|  | 109.0 | | 2.937 | | | | |  | |  | |  | | | | | |  |  |
|  | 110.0 | | 2.948 | | | | |  | |  | |  | | | | | |  |  |
|  | 111.0 | | 3.521 | | | | |  | |  | |  | | | | | |  |  |
|  | 112.0 | | 3.489 | | | | |  | |  | |  | | | | | |  |  |
|  | 113.0 | | 3.461 | | | | |  | |  | |  | | | | | |  |  |
|  | 114.0 | | 3.436 | | | | |  | |  | |  | | | | | |  |  |
|  | 115.0 | | 3.415 | | | | |  | |  | |  | | | | | |  |  |
|  | 116.0 | | 3.399 | | | | |  | |  | |  | | | | | |  |  |
|  | 117.0 | | 3.389 | | | | |  | |  | |  | | | | | |  |  |
|  | 118.0 | | 3.384 | | | | |  | |  | |  | | | | | |  |  |
|  | 119.0 | | 3.386 | | | | |  | |  | |  | | | | | |  |  |
|  | 120.0 | | 3.393 | | | | |  | |  | |  | | | | | |  |  |
|  | 121.0 | | 3.408 | | | | |  | |  | |  | | | | | |  |  |
|  | 122.0 | | 3.429 | | | | |  | |  | |  | | | | | |  |  |
|  | 123.0 | | 3.456 | | | | |  | |  | |  | | | | | |  |  |
|  | 124.0 | | 3.489 | | | | |  | |  | |  | | | | | |  |  |
|  | 125.0 | | 3.529 | | | | |  | |  | |  | | | | | |  |  |
|  | 126.0 | | 3.573 | | | | |  | |  | |  | | | | | |  |  |
|  | 127.0 | | 3.623 | | | | |  | |  | |  | | | | | |  |  |
|  | 128.0 | | 3.677 | | | | |  | |  | |  | | | | | |  |  |
|  | 129.0 | | 3.734 | | | | |  | |  | |  | | | | | |  |  |
|  | 130.0 | | 3.795 | | | | |  | |  | |  | | | | | |  |  |
|  | 131.0 | | 3.857 | | | | |  | |  | |  | | | | | |  |  |
|  | 132.0 | | 3.921 | | | | |  | |  | |  | | | | | |  |  |
|  | 133.0 | | 3.985 | | | | |  | |  | |  | | | | | |  |  |
|  | 134.0 | | 4.049 | | | | |  | |  | |  | | | | | |  |  |
|  | 135.0 | | 4.111 | | | | |  | |  | |  | | | | | |  |  |
|  | 136.0 | | 4.172 | | | | |  | |  | |  | | | | | |  |  |
|  | 137.0 | | 4.229 | | | | |  | |  | |  | | | | | |  |  |
|  | 138.0 | | 4.282 | | | | |  | |  | |  | | | | | |  |  |
|  | 139.0 | | 4.33 | | | | |  | |  | |  | | | | | |  |  |
|  | 140.0 | | 4.374 | | | | |  | |  | |  | | | | | |  |  |
|  | 141.0 | | 4.411 | | | | |  | |  | |  | | | | | |  |  |
|  | 142.0 | | 4.443 | | | | |  | |  | |  | | | | | |  |  |
|  | 143.0 | | 4.468 | | | | |  | |  | |  | | | | | |  |  |
|  | 144.0 | | 4.486 | | | | |  | |  | |  | | | | | |  |  |
|  | 145.0 | | 4.497 | | | | |  | |  | |  | | | | | |  |  |
|  | 146.0 | | 4.501 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 147.0 | | 4.499 | | | | |  | |  | |  | | | | | |  |  |
|  | 148.0 | | 4.49 | | | | |  | |  | |  | | | | | |  |  |
|  | 149.0 | | 4.474 | | | | |  | |  | |  | | | | | |  |  |
|  | 150.0 | | 4.453 | | | | |  | |  | |  | | | | | |  |  |
|  | 151.0 | | 4.426 | | | | |  | |  | |  | | | | | |  |  |
|  | 152.0 | | 4.395 | | | | |  | |  | |  | | | | | |  |  |
|  | 153.0 | | 4.361 | | | | |  | |  | |  | | | | | |  |  |
|  | 154.0 | | 4.323 | | | | |  | |  | |  | | | | | |  |  |
|  | 155.0 | | 4.283 | | | | |  | |  | |  | | | | | |  |  |
|  | 156.0 | | 4.241 | | | | |  | |  | |  | | | | | |  |  |
|  | 157.0 | | 4.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 158.0 | | 4.159 | | | | |  | |  | |  | | | | | |  |  |
|  | 159.0 | | 4.119 | | | | |  | |  | |  | | | | | |  |  |
|  | 160.0 | | 4.082 | | | | |  | |  | |  | | | | | |  |  |
|  | 161.0 | | 4.049 | | | | |  | |  | |  | | | | | |  |  |
|  | 162.0 | | 4.019 | | | | |  | |  | |  | | | | | |  |  |
|  | 163.0 | | 3.995 | | | | |  | |  | |  | | | | | |  |  |
|  | 164.0 | | 3.977 | | | | |  | |  | |  | | | | | |  |  |
|  | 165.0 | | 3.964 | | | | |  | |  | |  | | | | | |  |  |
|  | 166.0 | | 3.959 | | | | |  | |  | |  | | | | | |  |  |
|  | 167.0 | | 3.961 | | | | |  | |  | |  | | | | | |  |  |
|  | 168.0 | | 3.97 | | | | |  | |  | |  | | | | | |  |  |
|  | 169.0 | | 3.987 | | | | |  | |  | |  | | | | | |  |  |
|  | 170.0 | | 4.011 | | | | |  | |  | |  | | | | | |  |  |
|  | 171.0 | | 4.043 | | | | |  | |  | |  | | | | | |  |  |
|  | 172.0 | | 4.082 | | | | |  | |  | |  | | | | | |  |  |
|  | 173.0 | | 4.128 | | | | |  | |  | |  | | | | | |  |  |
|  | 174.0 | | 4.18 | | | | |  | |  | |  | | | | | |  |  |
|  | 175.0 | | 4.238 | | | | |  | |  | |  | | | | | |  |  |
|  | 176.0 | | 4.301 | | | | |  | |  | |  | | | | | |  |  |
|  | 177.0 | | 4.369 | | | | |  | |  | |  | | | | | |  |  |
|  | 178.0 | | 4.439 | | | | |  | |  | |  | | | | | |  |  |
|  | 179.0 | | 4.513 | | | | |  | |  | |  | | | | | |  |  |
|  | 180.0 | | 4.587 | | | | |  | |  | |  | | | | | |  |  |
|  | 181.0 | | 4.662 | | | | |  | |  | |  | | | | | |  |  |
|  | 182.0 | | 4.737 | | | | |  | |  | |  | | | | | |  |  |
|  | 183.0 | | 4.81 | | | | |  | |  | |  | | | | | |  |  |
|  | 184.0 | | 4.88 | | | | |  | |  | |  | | | | | |  |  |
|  | 185.0 | | 4.947 | | | | |  | |  | |  | | | | | |  |  |
|  | 186.0 | | 5.009 | | | | |  | |  | |  | | | | | |  |  |
|  | 187.0 | | 5.066 | | | | |  | |  | |  | | | | | |  |  |
|  | 188.0 | | 5.117 | | | | |  | |  | |  | | | | | |  |  |
|  | 189.0 | | 5.161 | | | | |  | |  | |  | | | | | |  |  |
|  | 190.0 | | 5.198 | | | | |  | |  | |  | | | | | |  |  |
|  | 191.0 | | 5.227 | | | | |  | |  | |  | | | | | |  |  |
|  | 192.0 | | 5.248 | | | | |  | |  | |  | | | | | |  |  |
|  | 193.0 | | 5.261 | | | | |  | |  | |  | | | | | |  |  |
|  | 194.0 | | 5.266 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 195.0 | | 5.263 | | | | |  | |  | |  | | | | | |  |  |
|  | 196.0 | | 5.252 | | | | |  | |  | |  | | | | | |  |  |
|  | 197.0 | | 5.234 | | | | |  | |  | |  | | | | | |  |  |
|  | 198.0 | | 5.209 | | | | |  | |  | |  | | | | | |  |  |
|  | 199.0 | | 5.178 | | | | |  | |  | |  | | | | | |  |  |
|  | 200.0 | | 5.142 | | | | |  | |  | |  | | | | | |  |  |
|  | 201.0 | | 5.101 | | | | |  | |  | |  | | | | | |  |  |
|  | 202.0 | | 5.057 | | | | |  | |  | |  | | | | | |  |  |
|  | 203.0 | | 5.01 | | | | |  | |  | |  | | | | | |  |  |
|  | 204.0 | | 4.962 | | | | |  | |  | |  | | | | | |  |  |
|  | 205.0 | | 4.913 | | | | |  | |  | |  | | | | | |  |  |
|  | 206.0 | | 4.865 | | | | |  | |  | |  | | | | | |  |  |
|  | 207.0 | | 4.819 | | | | |  | |  | |  | | | | | |  |  |
|  | 208.0 | | 4.776 | | | | |  | |  | |  | | | | | |  |  |
|  | 209.0 | | 4.736 | | | | |  | |  | |  | | | | | |  |  |
|  | 210.0 | | 4.702 | | | | |  | |  | |  | | | | | |  |  |
|  | 211.0 | | 4.674 | | | | |  | |  | |  | | | | | |  |  |
|  | 212.0 | | 4.652 | | | | |  | |  | |  | | | | | |  |  |
|  | 213.0 | | 4.638 | | | | |  | |  | |  | | | | | |  |  |
|  | 214.0 | | 4.631 | | | | |  | |  | |  | | | | | |  |  |
|  | 215.0 | | 4.633 | | | | |  | |  | |  | | | | | |  |  |
|  | 216.0 | | 4.644 | | | | |  | |  | |  | | | | | |  |  |
|  | 217.0 | | 4.664 | | | | |  | |  | |  | | | | | |  |  |
|  | 218.0 | | 4.692 | | | | |  | |  | |  | | | | | |  |  |
|  | 219.0 | | 4.73 | | | | |  | |  | |  | | | | | |  |  |
|  | 220.0 | | 4.775 | | | | |  | |  | |  | | | | | |  |  |
|  | 221.0 | | 4.829 | | | | |  | |  | |  | | | | | |  |  |
|  | 222.0 | | 4.89 | | | | |  | |  | |  | | | | | |  |  |
|  | 223.0 | | 4.958 | | | | |  | |  | |  | | | | | |  |  |
|  | 224.0 | | 5.032 | | | | |  | |  | |  | | | | | |  |  |
|  | 225.0 | | 5.111 | | | | |  | |  | |  | | | | | |  |  |
|  | 226.0 | | 5.194 | | | | |  | |  | |  | | | | | |  |  |
|  | 227.0 | | 5.279 | | | | |  | |  | |  | | | | | |  |  |
|  | 228.0 | | 5.367 | | | | |  | |  | |  | | | | | |  |  |
|  | 229.0 | | 5.454 | | | | |  | |  | |  | | | | | |  |  |
|  | 230.0 | | 5.542 | | | | |  | |  | |  | | | | | |  |  |
|  | 231.0 | | 5.627 | | | | |  | |  | |  | | | | | |  |  |
|  | 232.0 | | 5.709 | | | | |  | |  | |  | | | | | |  |  |
|  | 233.0 | | 5.787 | | | | |  | |  | |  | | | | | |  |  |
|  | 234.0 | | 5.86 | | | | |  | |  | |  | | | | | |  |  |
|  | 235.0 | | 5.926 | | | | |  | |  | |  | | | | | |  |  |
|  | 236.0 | | 5.986 | | | | |  | |  | |  | | | | | |  |  |
|  | 237.0 | | 6.037 | | | | |  | |  | |  | | | | | |  |  |
|  | 238.0 | | 6.08 | | | | |  | |  | |  | | | | | |  |  |
|  | 239.0 | | 6.115 | | | | |  | |  | |  | | | | | |  |  |
|  | 240.0 | | 6.139 | | | | |  | |  | |  | | | | | |  |  |
|  | 241.0 | | 6.155 | | | | |  | |  | |  | | | | | |  |  |
|  | 242.0 | | 6.16 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 243.0 | | 6.157 | | | | |  | |  | |  | | | | | |  |  |
|  | 244.0 | | 6.144 | | | | |  | |  | |  | | | | | |  |  |
|  | 245.0 | | 6.123 | | | | |  | |  | |  | | | | | |  |  |
|  | 246.0 | | 6.094 | | | | |  | |  | |  | | | | | |  |  |
|  | 247.0 | | 6.058 | | | | |  | |  | |  | | | | | |  |  |
|  | 248.0 | | 6.015 | | | | |  | |  | |  | | | | | |  |  |
|  | 249.0 | | 5.968 | | | | |  | |  | |  | | | | | |  |  |
|  | 250.0 | | 5.916 | | | | |  | |  | |  | | | | | |  |  |
|  | 251.0 | | 5.861 | | | | |  | |  | |  | | | | | |  |  |
|  | 252.0 | | 5.804 | | | | |  | |  | |  | | | | | |  |  |
|  | 253.0 | | 5.747 | | | | |  | |  | |  | | | | | |  |  |
|  | 254.0 | | 5.691 | | | | |  | |  | |  | | | | | |  |  |
|  | 255.0 | | 5.637 | | | | |  | |  | |  | | | | | |  |  |
|  | 256.0 | | 5.587 | | | | |  | |  | |  | | | | | |  |  |
|  | 257.0 | | 5.541 | | | | |  | |  | |  | | | | | |  |  |
|  | 258.0 | | 5.501 | | | | |  | |  | |  | | | | | |  |  |
|  | 259.0 | | 5.468 | | | | |  | |  | |  | | | | | |  |  |
|  | 260.0 | | 5.442 | | | | |  | |  | |  | | | | | |  |  |
|  | 261.0 | | 5.425 | | | | |  | |  | |  | | | | | |  |  |
|  | 262.0 | | 5.418 | | | | |  | |  | |  | | | | | |  |  |
|  | 263.0 | | 5.42 | | | | |  | |  | |  | | | | | |  |  |
|  | 264.0 | | 5.433 | | | | |  | |  | |  | | | | | |  |  |
|  | 265.0 | | 5.456 | | | | |  | |  | |  | | | | | |  |  |
|  | 266.0 | | 5.489 | | | | |  | |  | |  | | | | | |  |  |
|  | 267.0 | | 5.533 | | | | |  | |  | |  | | | | | |  |  |
|  | 268.0 | | 5.586 | | | | |  | |  | |  | | | | | |  |  |
|  | 269.0 | | 5.649 | | | | |  | |  | |  | | | | | |  |  |
|  | 270.0 | | 5.721 | | | | |  | |  | |  | | | | | |  |  |
|  | 271.0 | | 5.8 | | | | |  | |  | |  | | | | | |  |  |
|  | 272.0 | | 5.887 | | | | |  | |  | |  | | | | | |  |  |
|  | 273.0 | | 5.979 | | | | |  | |  | |  | | | | | |  |  |
|  | 274.0 | | 6.076 | | | | |  | |  | |  | | | | | |  |  |
|  | 275.0 | | 6.176 | | | | |  | |  | |  | | | | | |  |  |
|  | 276.0 | | 6.278 | | | | |  | |  | |  | | | | | |  |  |
|  | 277.0 | | 6.381 | | | | |  | |  | |  | | | | | |  |  |
|  | 278.0 | | 6.483 | | | | |  | |  | |  | | | | | |  |  |
|  | 279.0 | | 6.583 | | | | |  | |  | |  | | | | | |  |  |
|  | 280.0 | | 6.679 | | | | |  | |  | |  | | | | | |  |  |
|  | 281.0 | | 6.77 | | | | |  | |  | |  | | | | | |  |  |
|  | 282.0 | | 6.855 | | | | |  | |  | |  | | | | | |  |  |
|  | 283.0 | | 6.933 | | | | |  | |  | |  | | | | | |  |  |
|  | 284.0 | | 7.002 | | | | |  | |  | |  | | | | | |  |  |
|  | 285.0 | | 7.063 | | | | |  | |  | |  | | | | | |  |  |
|  | 286.0 | | 7.113 | | | | |  | |  | |  | | | | | |  |  |
|  | 287.0 | | 7.153 | | | | |  | |  | |  | | | | | |  |  |
|  | 288.0 | | 7.182 | | | | |  | |  | |  | | | | | |  |  |
|  | 289.0 | | 7.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 290.0 | | 7.207 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 291.0 | | 7.203 | | | | |  | |  | |  | | |  | | |  |  |
|  | 292.0 | | 7.188 | | | | |  | |  | |  | | |  | | |  |  |
|  | 293.0 | | 7.163 | | | | |  | |  | |  | | |  | | |  |  |
|  | 294.0 | | 7.129 | | | | |  | |  | |  | | |  | | |  |  |
|  | 295.0 | | 7.087 | | | | |  | |  | |  | | |  | | |  |  |
|  | 296.0 | | 7.037 | | | | |  | |  | |  | | |  | | |  |  |
|  | 297.0 | | 6.981 | | | | |  | |  | |  | | |  | | |  |  |
|  | 298.0 | | 6.921 | | | | |  | |  | |  | | |  | | |  |  |
|  | 299.0 | | 6.857 | | | | |  | |  | |  | | |  | | |  |  |
|  | 300.0 | | 6.79 | | | | |  | |  | |  | | |  | | |  |  |
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|  | Table Function: tfPriceSugar\_base | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | NEAREST | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/tonSugar | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.0 | | 876.65 | | | | |  | |  | |  | | |  | | |  |  |
|  | 2.0 | | 876.65 | | | | |  | |  | |  | | |  | | |  |  |
|  | 3.0 | | 876.65 | | | | |  | |  | |  | | |  | | |  |  |
|  | 4.0 | | 876.65 | | | | |  | |  | |  | | |  | | |  |  |
|  | 5.0 | | 876.65 | | | | |  | |  | |  | | |  | | |  |  |
|  | 6.0 | | 786.74 | | | | |  | |  | |  | | |  | | |  |  |
|  | 7.0 | | 751.77 | | | | |  | |  | |  | | |  | | |  |  |
|  | 8.0 | | 918.28 | | | | |  | |  | |  | | |  | | |  |  |
|  | 9.0 | | 751.27 | | | | |  | |  | |  | | |  | | |  |  |
|  | 10.0 | | 650.36 | | | | |  | |  | |  | | |  | | |  |  |
|  | 11.0 | | 623.83 | | | | |  | |  | |  | | |  | | |  |  |
|  | 12.0 | | 652.04 | | | | |  | |  | |  | | |  | | |  |  |
|  | 13.0 | | 593.57 | | | | |  | |  | |  | | |  | | |  |  |
|  | 14.0 | | 542.92 | | | | |  | |  | |  | | |  | | |  |  |
|  | 15.0 | | 639.84 | | | | |  | |  | |  | | |  | | |  |  |
|  | 16.0 | | 819.23 | | | | |  | |  | |  | | |  | | |  |  |
|  | 17.0 | | 646.63 | | | | |  | |  | |  | | |  | | |  |  |
|  | 18.0 | | 756.45 | | | | |  | |  | |  | | |  | | |  |  |
|  | 19.0 | | 783.87 | | | | |  | |  | |  | | |  | | |  |  |
|  | 20.0 | | 833.67 | | | | |  | |  | |  | | |  | | |  |  |
|  | 21.0 | | 794.39 | | | | |  | |  | |  | | |  | | |  |  |
|  | 22.0 | | 759.72 | | | | |  | |  | |  | | |  | | |  |  |
|  | 23.0 | | 815.88 | | | | |  | |  | |  | | |  | | |  |  |
|  | 24.0 | | 853.08 | | | | |  | |  | |  | | |  | | |  |  |
|  | 25.0 | | 795.26 | | | | |  | |  | |  | | |  | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 26.0 | | 775.39 | | | | |  | |  | |  | | | | | |  |  |
|  | 27.0 | | 886.97 | | | | |  | |  | |  | | | | | |  |  |
|  | 28.0 | | 892.78 | | | | |  | |  | |  | | | | | |  |  |
|  | 29.0 | | 698.32 | | | | |  | |  | |  | | | | | |  |  |
|  | 30.0 | | 698.56 | | | | |  | |  | |  | | | | | |  |  |
|  | 31.0 | | 783.4 | | | | |  | |  | |  | | | | | |  |  |
|  | 32.0 | | 825.52 | | | | |  | |  | |  | | | | | |  |  |
|  | 33.0 | | 861.3 | | | | |  | |  | |  | | | | | |  |  |
|  | 34.0 | | 906.92 | | | | |  | |  | |  | | | | | |  |  |
|  | 35.0 | | 919.67 | | | | |  | |  | |  | | | | | |  |  |
|  | 36.0 | | 1049.74 | | | | |  | |  | |  | | | | | |  |  |
|  | 37.0 | | 1272.54 | | | | |  | |  | |  | | | | | |  |  |
|  | 38.0 | | 1372.97 | | | | |  | |  | |  | | | | | |  |  |
|  | 39.0 | | 1383.83 | | | | |  | |  | |  | | | | | |  |  |
|  | 40.0 | | 1353.87 | | | | |  | |  | |  | | | | | |  |  |
|  | 41.0 | | 1294.1 | | | | |  | |  | |  | | | | | |  |  |
|  | 42.0 | | 1316.08 | | | | |  | |  | |  | | | | | |  |  |
|  | 43.0 | | 1327.95 | | | | |  | |  | |  | | | | | |  |  |
|  | 44.0 | | 1160.62 | | | | |  | |  | |  | | | | | |  |  |
|  | 45.0 | | 997.44 | | | | |  | |  | |  | | | | | |  |  |
|  | 46.0 | | 972.07 | | | | |  | |  | |  | | | | | |  |  |
|  | 47.0 | | 944.57 | | | | |  | |  | |  | | | | | |  |  |
|  | 48.0 | | 950.07 | | | | |  | |  | |  | | | | | |  |  |
|  | 49.0 | | 946.14 | | | | |  | |  | |  | | | | | |  |  |
|  | 50.0 | | 897.18 | | | | |  | |  | |  | | | | | |  |  |
|  | 51.0 | | 888.46 | | | | |  | |  | |  | | | | | |  |  |
|  | 52.0 | | 865.9 | | | | |  | |  | |  | | | | | |  |  |
|  | 53.0 | | 729.03 | | | | |  | |  | |  | | | | | |  |  |
|  | 54.0 | | 634.9 | | | | |  | |  | |  | | | | | |  |  |
|  | 55.0 | | 618.49 | | | | |  | |  | |  | | | | | |  |  |
|  | 56.0 | | 629.92 | | | | |  | |  | |  | | | | | |  |  |
|  | 57.0 | | 621.08 | | | | |  | |  | |  | | | | | |  |  |
|  | 58.0 | | 585.92 | | | | |  | |  | |  | | | | | |  |  |
|  | 59.0 | | 564.34 | | | | |  | |  | |  | | | | | |  |  |
|  | 60.0 | | 565.55 | | | | |  | |  | |  | | | | | |  |  |
|  | 61.0 | | 593.48 | | | | |  | |  | |  | | | | | |  |  |
|  | 62.0 | | 618.74 | | | | |  | |  | |  | | | | | |  |  |
|  | 63.0 | | 643.39 | | | | |  | |  | |  | | | | | |  |  |
|  | 64.0 | | 651.94 | | | | |  | |  | |  | | | | | |  |  |
|  | 65.0 | | 608.03 | | | | |  | |  | |  | | | | | |  |  |
|  | 66.0 | | 584.36 | | | | |  | |  | |  | | | | | |  |  |
|  | 67.0 | | 603.14 | | | | |  | |  | |  | | | | | |  |  |
|  | 68.0 | | 643.39 | | | | |  | |  | |  | | | | | |  |  |
|  | 69.0 | | 680.94 | | | | |  | |  | |  | | | | | |  |  |
|  | 70.0 | | 680.4 | | | | |  | |  | |  | | | | | |  |  |
|  | 71.0 | | 671.52 | | | | |  | |  | |  | | | | | |  |  |
|  | 72.0 | | 696.1 | | | | |  | |  | |  | | | | | |  |  |
|  | 73.0 | | 809.18 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 74.0 | | 986.84 | | | | |  | |  | |  | | | | | |  |  |
|  | 75.0 | | 1071.92 | | | | |  | |  | |  | | | | | |  |  |
|  | 76.0 | | 1029.32 | | | | |  | |  | |  | | | | | |  |  |
|  | 77.0 | | 986.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 78.0 | | 935.34 | | | | |  | |  | |  | | | | | |  |  |
|  | 79.0 | | 925.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 80.0 | | 1013.04 | | | | |  | |  | |  | | | | | |  |  |
|  | 81.0 | | 1234.47 | | | | |  | |  | |  | | | | | |  |  |
|  | 82.0 | | 1274.5 | | | | |  | |  | |  | | | | | |  |  |
|  | 83.0 | | 1249.91 | | | | |  | |  | |  | | | | | |  |  |
|  | 84.0 | | 1307.29 | | | | |  | |  | |  | | | | | |  |  |
|  | 85.0 | | 1561.01 | | | | |  | |  | |  | | | | | |  |  |
|  | 86.0 | | 1580.41 | | | | |  | |  | |  | | | | | |  |  |
|  | 87.0 | | 1507.38 | | | | |  | |  | |  | | | | | |  |  |
|  | 88.0 | | 1369.26 | | | | |  | |  | |  | | | | | |  |  |
|  | 89.0 | | 926.76 | | | | |  | |  | |  | | | | | |  |  |
|  | 90.0 | | 852.77 | | | | |  | |  | |  | | | | | |  |  |
|  | 91.0 | | 859.61 | | | | |  | |  | |  | | | | | |  |  |
|  | 92.0 | | 963.27 | | | | |  | |  | |  | | | | | |  |  |
|  | 93.0 | | 1172.48 | | | | |  | |  | |  | | | | | |  |  |
|  | 94.0 | | 1461.82 | | | | |  | |  | |  | | | | | |  |  |
|  | 95.0 | | 1510.44 | | | | |  | |  | |  | | | | | |  |  |
|  | 96.0 | | 1510.56 | | | | |  | |  | |  | | | | | |  |  |
|  | 97.0 | | 1510.99 | | | | |  | |  | |  | | | | | |  |  |
|  | 98.0 | | 1476.26 | | | | |  | |  | |  | | | | | |  |  |
|  | 99.0 | | 1375.74 | | | | |  | |  | |  | | | | | |  |  |
|  | 100.0 | | 1285.16 | | | | |  | |  | |  | | | | | |  |  |
|  | 101.0 | | 1158.67 | | | | |  | |  | |  | | | | | |  |  |
|  | 102.0 | | 1066.7 | | | | |  | |  | |  | | | | | |  |  |
|  | 103.0 | | 1250.31 | | | | |  | |  | |  | | | | | |  |  |
|  | 104.0 | | 1322.99 | | | | |  | |  | |  | | | | | |  |  |
|  | 105.0 | | 1250.19 | | | | |  | |  | |  | | | | | |  |  |
|  | 106.0 | | 1197.85 | | | | |  | |  | |  | | | | | |  |  |
|  | 107.0 | | 1215.3 | | | | |  | |  | |  | | | | | |  |  |
|  | 108.0 | | 1210.79 | | | | |  | |  | |  | | | | | |  |  |
|  | 109.0 | | 1177.99 | | | | |  | |  | |  | | | | | |  |  |
|  | 110.0 | | 1126.36 | | | | |  | |  | |  | | | | | |  |  |
|  | 111.0 | | 808.52 | | | | |  | |  | |  | | | | | |  |  |
|  | 112.0 | | 787.65 | | | | |  | |  | |  | | | | | |  |  |
|  | 113.0 | | 768.29 | | | | |  | |  | |  | | | | | |  |  |
|  | 114.0 | | 750.77 | | | | |  | |  | |  | | | | | |  |  |
|  | 115.0 | | 735.38 | | | | |  | |  | |  | | | | | |  |  |
|  | 116.0 | | 722.38 | | | | |  | |  | |  | | | | | |  |  |
|  | 117.0 | | 711.97 | | | | |  | |  | |  | | | | | |  |  |
|  | 118.0 | | 704.33 | | | | |  | |  | |  | | | | | |  |  |
|  | 119.0 | | 699.58 | | | | |  | |  | |  | | | | | |  |  |
|  | 120.0 | | 697.8 | | | | |  | |  | |  | | | | | |  |  |
|  | 121.0 | | 699.0 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 122.0 | | 703.15 | | | | |  | |  | |  | | | | | |  |  |
|  | 123.0 | | 710.19 | | | | |  | |  | |  | | | | | |  |  |
|  | 124.0 | | 719.97 | | | | |  | |  | |  | | | | | |  |  |
|  | 125.0 | | 732.32 | | | | |  | |  | |  | | | | | |  |  |
|  | 126.0 | | 747.02 | | | | |  | |  | |  | | | | | |  |  |
|  | 127.0 | | 763.81 | | | | |  | |  | |  | | | | | |  |  |
|  | 128.0 | | 782.4 | | | | |  | |  | |  | | | | | |  |  |
|  | 129.0 | | 802.47 | | | | |  | |  | |  | | | | | |  |  |
|  | 130.0 | | 823.65 | | | | |  | |  | |  | | | | | |  |  |
|  | 131.0 | | 845.58 | | | | |  | |  | |  | | | | | |  |  |
|  | 132.0 | | 867.89 | | | | |  | |  | |  | | | | | |  |  |
|  | 133.0 | | 890.17 | | | | |  | |  | |  | | | | | |  |  |
|  | 134.0 | | 912.05 | | | | |  | |  | |  | | | | | |  |  |
|  | 135.0 | | 933.14 | | | | |  | |  | |  | | | | | |  |  |
|  | 136.0 | | 953.08 | | | | |  | |  | |  | | | | | |  |  |
|  | 137.0 | | 971.52 | | | | |  | |  | |  | | | | | |  |  |
|  | 138.0 | | 988.14 | | | | |  | |  | |  | | | | | |  |  |
|  | 139.0 | | 1002.66 | | | | |  | |  | |  | | | | | |  |  |
|  | 140.0 | | 1014.81 | | | | |  | |  | |  | | | | | |  |  |
|  | 141.0 | | 1024.39 | | | | |  | |  | |  | | | | | |  |  |
|  | 142.0 | | 1031.23 | | | | |  | |  | |  | | | | | |  |  |
|  | 143.0 | | 1035.21 | | | | |  | |  | |  | | | | | |  |  |
|  | 144.0 | | 1036.26 | | | | |  | |  | |  | | | | | |  |  |
|  | 145.0 | | 1034.35 | | | | |  | |  | |  | | | | | |  |  |
|  | 146.0 | | 1029.51 | | | | |  | |  | |  | | | | | |  |  |
|  | 147.0 | | 1021.83 | | | | |  | |  | |  | | | | | |  |  |
|  | 148.0 | | 1011.43 | | | | |  | |  | |  | | | | | |  |  |
|  | 149.0 | | 998.48 | | | | |  | |  | |  | | | | | |  |  |
|  | 150.0 | | 983.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 151.0 | | 965.86 | | | | |  | |  | |  | | | | | |  |  |
|  | 152.0 | | 946.73 | | | | |  | |  | |  | | | | | |  |  |
|  | 153.0 | | 926.15 | | | | |  | |  | |  | | | | | |  |  |
|  | 154.0 | | 904.46 | | | | |  | |  | |  | | | | | |  |  |
|  | 155.0 | | 882.03 | | | | |  | |  | |  | | | | | |  |  |
|  | 156.0 | | 859.23 | | | | |  | |  | |  | | | | | |  |  |
|  | 157.0 | | 836.45 | | | | |  | |  | |  | | | | | |  |  |
|  | 158.0 | | 814.07 | | | | |  | |  | |  | | | | | |  |  |
|  | 159.0 | | 792.47 | | | | |  | |  | |  | | | | | |  |  |
|  | 160.0 | | 772.02 | | | | |  | |  | |  | | | | | |  |  |
|  | 161.0 | | 753.04 | | | | |  | |  | |  | | | | | |  |  |
|  | 162.0 | | 735.87 | | | | |  | |  | |  | | | | | |  |  |
|  | 163.0 | | 720.78 | | | | |  | |  | |  | | | | | |  |  |
|  | 164.0 | | 708.04 | | | | |  | |  | |  | | | | | |  |  |
|  | 165.0 | | 697.84 | | | | |  | |  | |  | | | | | |  |  |
|  | 166.0 | | 690.35 | | | | |  | |  | |  | | | | | |  |  |
|  | 167.0 | | 685.7 | | | | |  | |  | |  | | | | | |  |  |
|  | 168.0 | | 683.95 | | | | |  | |  | |  | | | | | |  |  |
|  | 169.0 | | 685.12 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 170.0 | | 689.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 171.0 | | 696.09 | | | | |  | |  | |  | | | | | |  |  |
|  | 172.0 | | 705.67 | | | | |  | |  | |  | | | | | |  |  |
|  | 173.0 | | 717.78 | | | | |  | |  | |  | | | | | |  |  |
|  | 174.0 | | 732.19 | | | | |  | |  | |  | | | | | |  |  |
|  | 175.0 | | 748.65 | | | | |  | |  | |  | | | | | |  |  |
|  | 176.0 | | 766.87 | | | | |  | |  | |  | | | | | |  |  |
|  | 177.0 | | 786.54 | | | | |  | |  | |  | | | | | |  |  |
|  | 178.0 | | 807.3 | | | | |  | |  | |  | | | | | |  |  |
|  | 179.0 | | 828.8 | | | | |  | |  | |  | | | | | |  |  |
|  | 180.0 | | 850.66 | | | | |  | |  | |  | | | | | |  |  |
|  | 181.0 | | 872.5 | | | | |  | |  | |  | | | | | |  |  |
|  | 182.0 | | 893.94 | | | | |  | |  | |  | | | | | |  |  |
|  | 183.0 | | 914.62 | | | | |  | |  | |  | | | | | |  |  |
|  | 184.0 | | 934.16 | | | | |  | |  | |  | | | | | |  |  |
|  | 185.0 | | 952.24 | | | | |  | |  | |  | | | | | |  |  |
|  | 186.0 | | 968.53 | | | | |  | |  | |  | | | | | |  |  |
|  | 187.0 | | 982.76 | | | | |  | |  | |  | | | | | |  |  |
|  | 188.0 | | 994.67 | | | | |  | |  | |  | | | | | |  |  |
|  | 189.0 | | 1004.06 | | | | |  | |  | |  | | | | | |  |  |
|  | 190.0 | | 1010.76 | | | | |  | |  | |  | | | | | |  |  |
|  | 191.0 | | 1014.66 | | | | |  | |  | |  | | | | | |  |  |
|  | 192.0 | | 1015.69 | | | | |  | |  | |  | | | | | |  |  |
|  | 193.0 | | 1013.81 | | | | |  | |  | |  | | | | | |  |  |
|  | 194.0 | | 1009.07 | | | | |  | |  | |  | | | | | |  |  |
|  | 195.0 | | 1001.54 | | | | |  | |  | |  | | | | | |  |  |
|  | 196.0 | | 991.35 | | | | |  | |  | |  | | | | | |  |  |
|  | 197.0 | | 978.66 | | | | |  | |  | |  | | | | | |  |  |
|  | 198.0 | | 963.69 | | | | |  | |  | |  | | | | | |  |  |
|  | 199.0 | | 946.68 | | | | |  | |  | |  | | | | | |  |  |
|  | 200.0 | | 927.94 | | | | |  | |  | |  | | | | | |  |  |
|  | 201.0 | | 907.77 | | | | |  | |  | |  | | | | | |  |  |
|  | 202.0 | | 886.51 | | | | |  | |  | |  | | | | | |  |  |
|  | 203.0 | | 864.52 | | | | |  | |  | |  | | | | | |  |  |
|  | 204.0 | | 842.17 | | | | |  | |  | |  | | | | | |  |  |
|  | 205.0 | | 819.85 | | | | |  | |  | |  | | | | | |  |  |
|  | 206.0 | | 797.91 | | | | |  | |  | |  | | | | | |  |  |
|  | 207.0 | | 776.74 | | | | |  | |  | |  | | | | | |  |  |
|  | 208.0 | | 756.69 | | | | |  | |  | |  | | | | | |  |  |
|  | 209.0 | | 738.09 | | | | |  | |  | |  | | | | | |  |  |
|  | 210.0 | | 721.26 | | | | |  | |  | |  | | | | | |  |  |
|  | 211.0 | | 706.48 | | | | |  | |  | |  | | | | | |  |  |
|  | 212.0 | | 693.98 | | | | |  | |  | |  | | | | | |  |  |
|  | 213.0 | | 683.98 | | | | |  | |  | |  | | | | | |  |  |
|  | 214.0 | | 676.65 | | | | |  | |  | |  | | | | | |  |  |
|  | 215.0 | | 672.08 | | | | |  | |  | |  | | | | | |  |  |
|  | 216.0 | | 670.37 | | | | |  | |  | |  | | | | | |  |  |
|  | 217.0 | | 671.52 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 218.0 | | 675.52 | | | | |  | |  | |  | | | | | |  |  |
|  | 219.0 | | 682.27 | | | | |  | |  | |  | | | | | |  |  |
|  | 220.0 | | 691.67 | | | | |  | |  | |  | | | | | |  |  |
|  | 221.0 | | 703.53 | | | | |  | |  | |  | | | | | |  |  |
|  | 222.0 | | 717.66 | | | | |  | |  | |  | | | | | |  |  |
|  | 223.0 | | 733.79 | | | | |  | |  | |  | | | | | |  |  |
|  | 224.0 | | 751.65 | | | | |  | |  | |  | | | | | |  |  |
|  | 225.0 | | 770.92 | | | | |  | |  | |  | | | | | |  |  |
|  | 226.0 | | 791.27 | | | | |  | |  | |  | | | | | |  |  |
|  | 227.0 | | 812.35 | | | | |  | |  | |  | | | | | |  |  |
|  | 228.0 | | 833.77 | | | | |  | |  | |  | | | | | |  |  |
|  | 229.0 | | 855.18 | | | | |  | |  | |  | | | | | |  |  |
|  | 230.0 | | 876.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 231.0 | | 896.46 | | | | |  | |  | |  | | | | | |  |  |
|  | 232.0 | | 915.62 | | | | |  | |  | |  | | | | | |  |  |
|  | 233.0 | | 933.33 | | | | |  | |  | |  | | | | | |  |  |
|  | 234.0 | | 949.3 | | | | |  | |  | |  | | | | | |  |  |
|  | 235.0 | | 963.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 236.0 | | 974.92 | | | | |  | |  | |  | | | | | |  |  |
|  | 237.0 | | 984.13 | | | | |  | |  | |  | | | | | |  |  |
|  | 238.0 | | 990.7 | | | | |  | |  | |  | | | | | |  |  |
|  | 239.0 | | 994.52 | | | | |  | |  | |  | | | | | |  |  |
|  | 240.0 | | 995.52 | | | | |  | |  | |  | | | | | |  |  |
|  | 241.0 | | 993.69 | | | | |  | |  | |  | | | | | |  |  |
|  | 242.0 | | 989.04 | | | | |  | |  | |  | | | | | |  |  |
|  | 243.0 | | 981.66 | | | | |  | |  | |  | | | | | |  |  |
|  | 244.0 | | 971.67 | | | | |  | |  | |  | | | | | |  |  |
|  | 245.0 | | 959.23 | | | | |  | |  | |  | | | | | |  |  |
|  | 246.0 | | 944.56 | | | | |  | |  | |  | | | | | |  |  |
|  | 247.0 | | 927.89 | | | | |  | |  | |  | | | | | |  |  |
|  | 248.0 | | 909.52 | | | | |  | |  | |  | | | | | |  |  |
|  | 249.0 | | 889.75 | | | | |  | |  | |  | | | | | |  |  |
|  | 250.0 | | 868.91 | | | | |  | |  | |  | | | | | |  |  |
|  | 251.0 | | 847.36 | | | | |  | |  | |  | | | | | |  |  |
|  | 252.0 | | 825.46 | | | | |  | |  | |  | | | | | |  |  |
|  | 253.0 | | 803.57 | | | | |  | |  | |  | | | | | |  |  |
|  | 254.0 | | 782.07 | | | | |  | |  | |  | | | | | |  |  |
|  | 255.0 | | 761.32 | | | | |  | |  | |  | | | | | |  |  |
|  | 256.0 | | 741.67 | | | | |  | |  | |  | | | | | |  |  |
|  | 257.0 | | 723.44 | | | | |  | |  | |  | | | | | |  |  |
|  | 258.0 | | 706.94 | | | | |  | |  | |  | | | | | |  |  |
|  | 259.0 | | 692.45 | | | | |  | |  | |  | | | | | |  |  |
|  | 260.0 | | 680.21 | | | | |  | |  | |  | | | | | |  |  |
|  | 261.0 | | 670.41 | | | | |  | |  | |  | | | | | |  |  |
|  | 262.0 | | 663.21 | | | | |  | |  | |  | | | | | |  |  |
|  | 263.0 | | 658.74 | | | | |  | |  | |  | | | | | |  |  |
|  | 264.0 | | 657.06 | | | | |  | |  | |  | | | | | |  |  |
|  | 265.0 | | 658.19 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 266.0 | | 662.11 | | | | |  | |  | |  | | |  | | |  |  |
|  | 267.0 | | 668.73 | | | | |  | |  | |  | | |  | | |  |  |
|  | 268.0 | | 677.94 | | | | |  | |  | |  | | |  | | |  |  |
|  | 269.0 | | 689.57 | | | | |  | |  | |  | | |  | | |  |  |
|  | 270.0 | | 703.41 | | | | |  | |  | |  | | |  | | |  |  |
|  | 271.0 | | 719.22 | | | | |  | |  | |  | | |  | | |  |  |
|  | 272.0 | | 736.73 | | | | |  | |  | |  | | |  | | |  |  |
|  | 273.0 | | 755.62 | | | | |  | |  | |  | | |  | | |  |  |
|  | 274.0 | | 775.57 | | | | |  | |  | |  | | |  | | |  |  |
|  | 275.0 | | 796.22 | | | | |  | |  | |  | | |  | | |  |  |
|  | 276.0 | | 817.22 | | | | |  | |  | |  | | |  | | |  |  |
|  | 277.0 | | 838.21 | | | | |  | |  | |  | | |  | | |  |  |
|  | 278.0 | | 858.81 | | | | |  | |  | |  | | |  | | |  |  |
|  | 279.0 | | 878.67 | | | | |  | |  | |  | | |  | | |  |  |
|  | 280.0 | | 897.44 | | | | |  | |  | |  | | |  | | |  |  |
|  | 281.0 | | 914.81 | | | | |  | |  | |  | | |  | | |  |  |
|  | 282.0 | | 930.46 | | | | |  | |  | |  | | |  | | |  |  |
|  | 283.0 | | 944.13 | | | | |  | |  | |  | | |  | | |  |  |
|  | 284.0 | | 955.57 | | | | |  | |  | |  | | |  | | |  |  |
|  | 285.0 | | 964.59 | | | | |  | |  | |  | | |  | | |  |  |
|  | 286.0 | | 971.03 | | | | |  | |  | |  | | |  | | |  |  |
|  | 287.0 | | 974.78 | | | | |  | |  | |  | | |  | | |  |  |
|  | 288.0 | | 975.76 | | | | |  | |  | |  | | |  | | |  |  |
|  | 289.0 | | 973.96 | | | | |  | |  | |  | | |  | | |  |  |
|  | 290.0 | | 969.41 | | | | |  | |  | |  | | |  | | |  |  |
|  | 291.0 | | 962.18 | | | | |  | |  | |  | | |  | | |  |  |
|  | 292.0 | | 952.38 | | | | |  | |  | |  | | |  | | |  |  |
|  | 293.0 | | 940.19 | | | | |  | |  | |  | | |  | | |  |  |
|  | 294.0 | | 925.81 | | | | |  | |  | |  | | |  | | |  |  |
|  | 295.0 | | 909.47 | | | | |  | |  | |  | | |  | | |  |  |
|  | 296.0 | | 891.46 | | | | |  | |  | |  | | |  | | |  |  |
|  | 297.0 | | 872.09 | | | | |  | |  | |  | | |  | | |  |  |
|  | 298.0 | | 851.66 | | | | |  | |  | |  | | |  | | |  |  |
|  | 299.0 | | 830.54 | | | | |  | |  | |  | | |  | | |  |  |
|  | 300.0 | | 809.07 | | | | |  | |  | |  | | |  | | |  |  |
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|  | Table Function: tfPriceSugar\_low | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | NEAREST | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/tonSugar | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 1.0 | | 876.65 | | | | |  | |  | |  | | | | | |  |  |
|  | 2.0 | | 876.65 | | | | |  | |  | |  | | | | | |  |  |
|  | 3.0 | | 876.65 | | | | |  | |  | |  | | | | | |  |  |
|  | 4.0 | | 876.65 | | | | |  | |  | |  | | | | | |  |  |
|  | 5.0 | | 876.65 | | | | |  | |  | |  | | | | | |  |  |
|  | 6.0 | | 786.74 | | | | |  | |  | |  | | | | | |  |  |
|  | 7.0 | | 751.77 | | | | |  | |  | |  | | | | | |  |  |
|  | 8.0 | | 918.28 | | | | |  | |  | |  | | | | | |  |  |
|  | 9.0 | | 751.27 | | | | |  | |  | |  | | | | | |  |  |
|  | 10.0 | | 650.36 | | | | |  | |  | |  | | | | | |  |  |
|  | 11.0 | | 623.83 | | | | |  | |  | |  | | | | | |  |  |
|  | 12.0 | | 652.04 | | | | |  | |  | |  | | | | | |  |  |
|  | 13.0 | | 593.57 | | | | |  | |  | |  | | | | | |  |  |
|  | 14.0 | | 542.92 | | | | |  | |  | |  | | | | | |  |  |
|  | 15.0 | | 639.84 | | | | |  | |  | |  | | | | | |  |  |
|  | 16.0 | | 819.23 | | | | |  | |  | |  | | | | | |  |  |
|  | 17.0 | | 646.63 | | | | |  | |  | |  | | | | | |  |  |
|  | 18.0 | | 756.45 | | | | |  | |  | |  | | | | | |  |  |
|  | 19.0 | | 783.87 | | | | |  | |  | |  | | | | | |  |  |
|  | 20.0 | | 833.67 | | | | |  | |  | |  | | | | | |  |  |
|  | 21.0 | | 794.39 | | | | |  | |  | |  | | | | | |  |  |
|  | 22.0 | | 759.72 | | | | |  | |  | |  | | | | | |  |  |
|  | 23.0 | | 815.88 | | | | |  | |  | |  | | | | | |  |  |
|  | 24.0 | | 853.08 | | | | |  | |  | |  | | | | | |  |  |
|  | 25.0 | | 795.26 | | | | |  | |  | |  | | | | | |  |  |
|  | 26.0 | | 775.39 | | | | |  | |  | |  | | | | | |  |  |
|  | 27.0 | | 886.97 | | | | |  | |  | |  | | | | | |  |  |
|  | 28.0 | | 892.78 | | | | |  | |  | |  | | | | | |  |  |
|  | 29.0 | | 698.32 | | | | |  | |  | |  | | | | | |  |  |
|  | 30.0 | | 698.56 | | | | |  | |  | |  | | | | | |  |  |
|  | 31.0 | | 783.4 | | | | |  | |  | |  | | | | | |  |  |
|  | 32.0 | | 825.52 | | | | |  | |  | |  | | | | | |  |  |
|  | 33.0 | | 861.3 | | | | |  | |  | |  | | | | | |  |  |
|  | 34.0 | | 906.92 | | | | |  | |  | |  | | | | | |  |  |
|  | 35.0 | | 919.67 | | | | |  | |  | |  | | | | | |  |  |
|  | 36.0 | | 1049.74 | | | | |  | |  | |  | | | | | |  |  |
|  | 37.0 | | 1272.54 | | | | |  | |  | |  | | | | | |  |  |
|  | 38.0 | | 1372.97 | | | | |  | |  | |  | | | | | |  |  |
|  | 39.0 | | 1383.83 | | | | |  | |  | |  | | | | | |  |  |
|  | 40.0 | | 1353.87 | | | | |  | |  | |  | | | | | |  |  |
|  | 41.0 | | 1294.1 | | | | |  | |  | |  | | | | | |  |  |
|  | 42.0 | | 1316.08 | | | | |  | |  | |  | | | | | |  |  |
|  | 43.0 | | 1327.95 | | | | |  | |  | |  | | | | | |  |  |
|  | 44.0 | | 1160.62 | | | | |  | |  | |  | | | | | |  |  |
|  | 45.0 | | 997.44 | | | | |  | |  | |  | | | | | |  |  |
|  | 46.0 | | 972.07 | | | | |  | |  | |  | | | | | |  |  |
|  | 47.0 | | 944.57 | | | | |  | |  | |  | | | | | |  |  |
|  | 48.0 | | 950.07 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 49.0 | | 946.14 | | | | |  | |  | |  | | | | | |  |  |
|  | 50.0 | | 897.18 | | | | |  | |  | |  | | | | | |  |  |
|  | 51.0 | | 888.46 | | | | |  | |  | |  | | | | | |  |  |
|  | 52.0 | | 865.9 | | | | |  | |  | |  | | | | | |  |  |
|  | 53.0 | | 729.03 | | | | |  | |  | |  | | | | | |  |  |
|  | 54.0 | | 634.9 | | | | |  | |  | |  | | | | | |  |  |
|  | 55.0 | | 618.49 | | | | |  | |  | |  | | | | | |  |  |
|  | 56.0 | | 629.92 | | | | |  | |  | |  | | | | | |  |  |
|  | 57.0 | | 621.08 | | | | |  | |  | |  | | | | | |  |  |
|  | 58.0 | | 585.92 | | | | |  | |  | |  | | | | | |  |  |
|  | 59.0 | | 564.34 | | | | |  | |  | |  | | | | | |  |  |
|  | 60.0 | | 565.55 | | | | |  | |  | |  | | | | | |  |  |
|  | 61.0 | | 593.48 | | | | |  | |  | |  | | | | | |  |  |
|  | 62.0 | | 618.74 | | | | |  | |  | |  | | | | | |  |  |
|  | 63.0 | | 643.39 | | | | |  | |  | |  | | | | | |  |  |
|  | 64.0 | | 651.94 | | | | |  | |  | |  | | | | | |  |  |
|  | 65.0 | | 608.03 | | | | |  | |  | |  | | | | | |  |  |
|  | 66.0 | | 584.36 | | | | |  | |  | |  | | | | | |  |  |
|  | 67.0 | | 603.14 | | | | |  | |  | |  | | | | | |  |  |
|  | 68.0 | | 643.39 | | | | |  | |  | |  | | | | | |  |  |
|  | 69.0 | | 680.94 | | | | |  | |  | |  | | | | | |  |  |
|  | 70.0 | | 680.4 | | | | |  | |  | |  | | | | | |  |  |
|  | 71.0 | | 671.52 | | | | |  | |  | |  | | | | | |  |  |
|  | 72.0 | | 696.1 | | | | |  | |  | |  | | | | | |  |  |
|  | 73.0 | | 809.18 | | | | |  | |  | |  | | | | | |  |  |
|  | 74.0 | | 986.84 | | | | |  | |  | |  | | | | | |  |  |
|  | 75.0 | | 1071.92 | | | | |  | |  | |  | | | | | |  |  |
|  | 76.0 | | 1029.32 | | | | |  | |  | |  | | | | | |  |  |
|  | 77.0 | | 986.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 78.0 | | 935.34 | | | | |  | |  | |  | | | | | |  |  |
|  | 79.0 | | 925.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 80.0 | | 1013.04 | | | | |  | |  | |  | | | | | |  |  |
|  | 81.0 | | 1234.47 | | | | |  | |  | |  | | | | | |  |  |
|  | 82.0 | | 1274.5 | | | | |  | |  | |  | | | | | |  |  |
|  | 83.0 | | 1249.91 | | | | |  | |  | |  | | | | | |  |  |
|  | 84.0 | | 1307.29 | | | | |  | |  | |  | | | | | |  |  |
|  | 85.0 | | 1561.01 | | | | |  | |  | |  | | | | | |  |  |
|  | 86.0 | | 1580.41 | | | | |  | |  | |  | | | | | |  |  |
|  | 87.0 | | 1507.38 | | | | |  | |  | |  | | | | | |  |  |
|  | 88.0 | | 1369.26 | | | | |  | |  | |  | | | | | |  |  |
|  | 89.0 | | 926.76 | | | | |  | |  | |  | | | | | |  |  |
|  | 90.0 | | 852.77 | | | | |  | |  | |  | | | | | |  |  |
|  | 91.0 | | 859.61 | | | | |  | |  | |  | | | | | |  |  |
|  | 92.0 | | 963.27 | | | | |  | |  | |  | | | | | |  |  |
|  | 93.0 | | 1172.48 | | | | |  | |  | |  | | | | | |  |  |
|  | 94.0 | | 1461.82 | | | | |  | |  | |  | | | | | |  |  |
|  | 95.0 | | 1510.44 | | | | |  | |  | |  | | | | | |  |  |
|  | 96.0 | | 1510.56 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 97.0 | | 1510.99 | | | | |  | |  | |  | | | | | |  |  |
|  | 98.0 | | 1476.26 | | | | |  | |  | |  | | | | | |  |  |
|  | 99.0 | | 1375.74 | | | | |  | |  | |  | | | | | |  |  |
|  | 100.0 | | 1285.16 | | | | |  | |  | |  | | | | | |  |  |
|  | 101.0 | | 1158.67 | | | | |  | |  | |  | | | | | |  |  |
|  | 102.0 | | 1066.7 | | | | |  | |  | |  | | | | | |  |  |
|  | 103.0 | | 1250.31 | | | | |  | |  | |  | | | | | |  |  |
|  | 104.0 | | 1322.99 | | | | |  | |  | |  | | | | | |  |  |
|  | 105.0 | | 1250.19 | | | | |  | |  | |  | | | | | |  |  |
|  | 106.0 | | 1197.85 | | | | |  | |  | |  | | | | | |  |  |
|  | 107.0 | | 1215.3 | | | | |  | |  | |  | | | | | |  |  |
|  | 108.0 | | 1210.79 | | | | |  | |  | |  | | | | | |  |  |
|  | 109.0 | | 1177.99 | | | | |  | |  | |  | | | | | |  |  |
|  | 110.0 | | 1126.36 | | | | |  | |  | |  | | | | | |  |  |
|  | 111.0 | | 703.22 | | | | |  | |  | |  | | | | | |  |  |
|  | 112.0 | | 684.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 113.0 | | 666.54 | | | | |  | |  | |  | | | | | |  |  |
|  | 114.0 | | 650.52 | | | | |  | |  | |  | | | | | |  |  |
|  | 115.0 | | 636.37 | | | | |  | |  | |  | | | | | |  |  |
|  | 116.0 | | 624.33 | | | | |  | |  | |  | | | | | |  |  |
|  | 117.0 | | 614.56 | | | | |  | |  | |  | | | | | |  |  |
|  | 118.0 | | 607.19 | | | | |  | |  | |  | | | | | |  |  |
|  | 119.0 | | 602.34 | | | | |  | |  | |  | | | | | |  |  |
|  | 120.0 | | 600.04 | | | | |  | |  | |  | | | | | |  |  |
|  | 121.0 | | 600.31 | | | | |  | |  | |  | | | | | |  |  |
|  | 122.0 | | 603.12 | | | | |  | |  | |  | | | | | |  |  |
|  | 123.0 | | 608.38 | | | | |  | |  | |  | | | | | |  |  |
|  | 124.0 | | 615.98 | | | | |  | |  | |  | | | | | |  |  |
|  | 125.0 | | 625.75 | | | | |  | |  | |  | | | | | |  |  |
|  | 126.0 | | 637.51 | | | | |  | |  | |  | | | | | |  |  |
|  | 127.0 | | 651.01 | | | | |  | |  | |  | | | | | |  |  |
|  | 128.0 | | 666.02 | | | | |  | |  | |  | | | | | |  |  |
|  | 129.0 | | 682.23 | | | | |  | |  | |  | | | | | |  |  |
|  | 130.0 | | 699.35 | | | | |  | |  | |  | | | | | |  |  |
|  | 131.0 | | 717.07 | | | | |  | |  | |  | | | | | |  |  |
|  | 132.0 | | 735.05 | | | | |  | |  | |  | | | | | |  |  |
|  | 133.0 | | 752.97 | | | | |  | |  | |  | | | | | |  |  |
|  | 134.0 | | 770.5 | | | | |  | |  | |  | | | | | |  |  |
|  | 135.0 | | 787.32 | | | | |  | |  | |  | | | | | |  |  |
|  | 136.0 | | 803.13 | | | | |  | |  | |  | | | | | |  |  |
|  | 137.0 | | 817.63 | | | | |  | |  | |  | | | | | |  |  |
|  | 138.0 | | 830.57 | | | | |  | |  | |  | | | | | |  |  |
|  | 139.0 | | 841.7 | | | | |  | |  | |  | | | | | |  |  |
|  | 140.0 | | 850.83 | | | | |  | |  | |  | | | | | |  |  |
|  | 141.0 | | 857.77 | | | | |  | |  | |  | | | | | |  |  |
|  | 142.0 | | 862.41 | | | | |  | |  | |  | | | | | |  |  |
|  | 143.0 | | 864.64 | | | | |  | |  | |  | | | | | |  |  |
|  | 144.0 | | 864.42 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 145.0 | | 861.74 | | | | |  | |  | |  | | | | | |  |  |
|  | 146.0 | | 856.62 | | | | |  | |  | |  | | | | | |  |  |
|  | 147.0 | | 849.15 | | | | |  | |  | |  | | | | | |  |  |
|  | 148.0 | | 839.45 | | | | |  | |  | |  | | | | | |  |  |
|  | 149.0 | | 827.65 | | | | |  | |  | |  | | | | | |  |  |
|  | 150.0 | | 813.96 | | | | |  | |  | |  | | | | | |  |  |
|  | 151.0 | | 798.59 | | | | |  | |  | |  | | | | | |  |  |
|  | 152.0 | | 781.78 | | | | |  | |  | |  | | | | | |  |  |
|  | 153.0 | | 763.82 | | | | |  | |  | |  | | | | | |  |  |
|  | 154.0 | | 744.99 | | | | |  | |  | |  | | | | | |  |  |
|  | 155.0 | | 725.59 | | | | |  | |  | |  | | | | | |  |  |
|  | 156.0 | | 705.94 | | | | |  | |  | |  | | | | | |  |  |
|  | 157.0 | | 686.36 | | | | |  | |  | |  | | | | | |  |  |
|  | 158.0 | | 667.15 | | | | |  | |  | |  | | | | | |  |  |
|  | 159.0 | | 648.63 | | | | |  | |  | |  | | | | | |  |  |
|  | 160.0 | | 631.08 | | | | |  | |  | |  | | | | | |  |  |
|  | 161.0 | | 614.8 | | | | |  | |  | |  | | | | | |  |  |
|  | 162.0 | | 600.02 | | | | |  | |  | |  | | | | | |  |  |
|  | 163.0 | | 586.97 | | | | |  | |  | |  | | | | | |  |  |
|  | 164.0 | | 575.86 | | | | |  | |  | |  | | | | | |  |  |
|  | 165.0 | | 566.85 | | | | |  | |  | |  | | | | | |  |  |
|  | 166.0 | | 560.06 | | | | |  | |  | |  | | | | | |  |  |
|  | 167.0 | | 555.58 | | | | |  | |  | |  | | | | | |  |  |
|  | 168.0 | | 553.46 | | | | |  | |  | |  | | | | | |  |  |
|  | 169.0 | | 553.71 | | | | |  | |  | |  | | | | | |  |  |
|  | 170.0 | | 556.3 | | | | |  | |  | |  | | | | | |  |  |
|  | 171.0 | | 561.15 | | | | |  | |  | |  | | | | | |  |  |
|  | 172.0 | | 568.16 | | | | |  | |  | |  | | | | | |  |  |
|  | 173.0 | | 577.17 | | | | |  | |  | |  | | | | | |  |  |
|  | 174.0 | | 588.02 | | | | |  | |  | |  | | | | | |  |  |
|  | 175.0 | | 600.47 | | | | |  | |  | |  | | | | | |  |  |
|  | 176.0 | | 614.31 | | | | |  | |  | |  | | | | | |  |  |
|  | 177.0 | | 629.27 | | | | |  | |  | |  | | | | | |  |  |
|  | 178.0 | | 645.06 | | | | |  | |  | |  | | | | | |  |  |
|  | 179.0 | | 661.4 | | | | |  | |  | |  | | | | | |  |  |
|  | 180.0 | | 677.99 | | | | |  | |  | |  | | | | | |  |  |
|  | 181.0 | | 694.52 | | | | |  | |  | |  | | | | | |  |  |
|  | 182.0 | | 710.69 | | | | |  | |  | |  | | | | | |  |  |
|  | 183.0 | | 726.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 184.0 | | 740.78 | | | | |  | |  | |  | | | | | |  |  |
|  | 185.0 | | 754.16 | | | | |  | |  | |  | | | | | |  |  |
|  | 186.0 | | 766.09 | | | | |  | |  | |  | | | | | |  |  |
|  | 187.0 | | 776.36 | | | | |  | |  | |  | | | | | |  |  |
|  | 188.0 | | 784.78 | | | | |  | |  | |  | | | | | |  |  |
|  | 189.0 | | 791.18 | | | | |  | |  | |  | | | | | |  |  |
|  | 190.0 | | 795.46 | | | | |  | |  | |  | | | | | |  |  |
|  | 191.0 | | 797.52 | | | | |  | |  | |  | | | | | |  |  |
|  | 192.0 | | 797.31 | | | | |  | |  | |  | | | | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 193.0 | | 794.84 | | | | |  | |  | |  | | | | | |  |  |
|  | 194.0 | | 790.12 | | | | |  | |  | |  | | | | | |  |  |
|  | 195.0 | | 783.23 | | | | |  | |  | |  | | | | | |  |  |
|  | 196.0 | | 774.28 | | | | |  | |  | |  | | | | | |  |  |
|  | 197.0 | | 763.4 | | | | |  | |  | |  | | | | | |  |  |
|  | 198.0 | | 750.77 | | | | |  | |  | |  | | | | | |  |  |
|  | 199.0 | | 736.59 | | | | |  | |  | |  | | | | | |  |  |
|  | 200.0 | | 721.09 | | | | |  | |  | |  | | | | | |  |  |
|  | 201.0 | | 704.52 | | | | |  | |  | |  | | | | | |  |  |
|  | 202.0 | | 687.15 | | | | |  | |  | |  | | | | | |  |  |
|  | 203.0 | | 669.26 | | | | |  | |  | |  | | | | | |  |  |
|  | 204.0 | | 651.14 | | | | |  | |  | |  | | | | | |  |  |
|  | 205.0 | | 633.07 | | | | |  | |  | |  | | | | | |  |  |
|  | 206.0 | | 615.36 | | | | |  | |  | |  | | | | | |  |  |
|  | 207.0 | | 598.27 | | | | |  | |  | |  | | | | | |  |  |
|  | 208.0 | | 582.09 | | | | |  | |  | |  | | | | | |  |  |
|  | 209.0 | | 567.07 | | | | |  | |  | |  | | | | | |  |  |
|  | 210.0 | | 553.44 | | | | |  | |  | |  | | | | | |  |  |
|  | 211.0 | | 541.4 | | | | |  | |  | |  | | | | | |  |  |
|  | 212.0 | | 531.16 | | | | |  | |  | |  | | | | | |  |  |
|  | 213.0 | | 522.84 | | | | |  | |  | |  | | | | | |  |  |
|  | 214.0 | | 516.58 | | | | |  | |  | |  | | | | | |  |  |
|  | 215.0 | | 512.45 | | | | |  | |  | |  | | | | | |  |  |
|  | 216.0 | | 510.49 | | | | |  | |  | |  | | | | | |  |  |
|  | 217.0 | | 510.72 | | | | |  | |  | |  | | | | | |  |  |
|  | 218.0 | | 513.11 | | | | |  | |  | |  | | | | | |  |  |
|  | 219.0 | | 517.59 | | | | |  | |  | |  | | | | | |  |  |
|  | 220.0 | | 524.05 | | | | |  | |  | |  | | | | | |  |  |
|  | 221.0 | | 532.37 | | | | |  | |  | |  | | | | | |  |  |
|  | 222.0 | | 542.37 | | | | |  | |  | |  | | | | | |  |  |
|  | 223.0 | | 553.86 | | | | |  | |  | |  | | | | | |  |  |
|  | 224.0 | | 566.62 | | | | |  | |  | |  | | | | | |  |  |
|  | 225.0 | | 580.42 | | | | |  | |  | |  | | | | | |  |  |
|  | 226.0 | | 594.98 | | | | |  | |  | |  | | | | | |  |  |
|  | 227.0 | | 610.06 | | | | |  | |  | |  | | | | | |  |  |
|  | 228.0 | | 625.35 | | | | |  | |  | |  | | | | | |  |  |
|  | 229.0 | | 640.6 | | | | |  | |  | |  | | | | | |  |  |
|  | 230.0 | | 655.51 | | | | |  | |  | |  | | | | | |  |  |
|  | 231.0 | | 669.82 | | | | |  | |  | |  | | | | | |  |  |
|  | 232.0 | | 683.27 | | | | |  | |  | |  | | | | | |  |  |
|  | 233.0 | | 695.61 | | | | |  | |  | |  | | | | | |  |  |
|  | 234.0 | | 706.62 | | | | |  | |  | |  | | | | | |  |  |
|  | 235.0 | | 716.09 | | | | |  | |  | |  | | | | | |  |  |
|  | 236.0 | | 723.85 | | | | |  | |  | |  | | | | | |  |  |
|  | 237.0 | | 729.76 | | | | |  | |  | |  | | | | | |  |  |
|  | 238.0 | | 733.71 | | | | |  | |  | |  | | | | | |  |  |
|  | 239.0 | | 735.61 | | | | |  | |  | |  | | | | | |  |  |
|  | 240.0 | | 735.42 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 241.0 | | 733.13 | | | | |  | |  | |  | | | | | |  |  |
|  | 242.0 | | 728.78 | | | | |  | |  | |  | | | | | |  |  |
|  | 243.0 | | 722.43 | | | | |  | |  | |  | | | | | |  |  |
|  | 244.0 | | 714.17 | | | | |  | |  | |  | | | | | |  |  |
|  | 245.0 | | 704.14 | | | | |  | |  | |  | | | | | |  |  |
|  | 246.0 | | 692.49 | | | | |  | |  | |  | | | | | |  |  |
|  | 247.0 | | 679.41 | | | | |  | |  | |  | | | | | |  |  |
|  | 248.0 | | 665.11 | | | | |  | |  | |  | | | | | |  |  |
|  | 249.0 | | 649.83 | | | | |  | |  | |  | | | | | |  |  |
|  | 250.0 | | 633.81 | | | | |  | |  | |  | | | | | |  |  |
|  | 251.0 | | 617.31 | | | | |  | |  | |  | | | | | |  |  |
|  | 252.0 | | 600.59 | | | | |  | |  | |  | | | | | |  |  |
|  | 253.0 | | 583.93 | | | | |  | |  | |  | | | | | |  |  |
|  | 254.0 | | 567.59 | | | | |  | |  | |  | | | | | |  |  |
|  | 255.0 | | 551.83 | | | | |  | |  | |  | | | | | |  |  |
|  | 256.0 | | 536.9 | | | | |  | |  | |  | | | | | |  |  |
|  | 257.0 | | 523.05 | | | | |  | |  | |  | | | | | |  |  |
|  | 258.0 | | 510.47 | | | | |  | |  | |  | | | | | |  |  |
|  | 259.0 | | 499.37 | | | | |  | |  | |  | | | | | |  |  |
|  | 260.0 | | 489.92 | | | | |  | |  | |  | | | | | |  |  |
|  | 261.0 | | 482.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 262.0 | | 476.48 | | | | |  | |  | |  | | | | | |  |  |
|  | 263.0 | | 472.66 | | | | |  | |  | |  | | | | | |  |  |
|  | 264.0 | | 470.86 | | | | |  | |  | |  | | | | | |  |  |
|  | 265.0 | | 471.08 | | | | |  | |  | |  | | | | | |  |  |
|  | 266.0 | | 473.28 | | | | |  | |  | |  | | | | | |  |  |
|  | 267.0 | | 477.41 | | | | |  | |  | |  | | | | | |  |  |
|  | 268.0 | | 483.37 | | | | |  | |  | |  | | | | | |  |  |
|  | 269.0 | | 491.04 | | | | |  | |  | |  | | | | | |  |  |
|  | 270.0 | | 500.26 | | | | |  | |  | |  | | | | | |  |  |
|  | 271.0 | | 510.86 | | | | |  | |  | |  | | | | | |  |  |
|  | 272.0 | | 522.63 | | | | |  | |  | |  | | | | | |  |  |
|  | 273.0 | | 535.36 | | | | |  | |  | |  | | | | | |  |  |
|  | 274.0 | | 548.79 | | | | |  | |  | |  | | | | | |  |  |
|  | 275.0 | | 562.7 | | | | |  | |  | |  | | | | | |  |  |
|  | 276.0 | | 576.81 | | | | |  | |  | |  | | | | | |  |  |
|  | 277.0 | | 590.87 | | | | |  | |  | |  | | | | | |  |  |
|  | 278.0 | | 604.63 | | | | |  | |  | |  | | | | | |  |  |
|  | 279.0 | | 617.83 | | | | |  | |  | |  | | | | | |  |  |
|  | 280.0 | | 630.23 | | | | |  | |  | |  | | | | | |  |  |
|  | 281.0 | | 641.61 | | | | |  | |  | |  | | | | | |  |  |
|  | 282.0 | | 651.76 | | | | |  | |  | |  | | | | | |  |  |
|  | 283.0 | | 660.5 | | | | |  | |  | |  | | | | | |  |  |
|  | 284.0 | | 667.66 | | | | |  | |  | |  | | | | | |  |  |
|  | 285.0 | | 673.11 | | | | |  | |  | |  | | | | | |  |  |
|  | 286.0 | | 676.75 | | | | |  | |  | |  | | | | | |  |  |
|  | 287.0 | | 678.5 | | | | |  | |  | |  | | | | | |  |  |
|  | 288.0 | | 678.32 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 289.0 | | 676.22 | | | | |  | |  | |  | | |  | | |  |  |
|  | 290.0 | | 672.21 | | | | |  | |  | |  | | |  | | |  |  |
|  | 291.0 | | 666.34 | | | | |  | |  | |  | | |  | | |  |  |
|  | 292.0 | | 658.73 | | | | |  | |  | |  | | |  | | |  |  |
|  | 293.0 | | 649.47 | | | | |  | |  | |  | | |  | | |  |  |
|  | 294.0 | | 638.73 | | | | |  | |  | |  | | |  | | |  |  |
|  | 295.0 | | 626.66 | | | | |  | |  | |  | | |  | | |  |  |
|  | 296.0 | | 613.48 | | | | |  | |  | |  | | |  | | |  |  |
|  | 297.0 | | 599.38 | | | | |  | |  | |  | | |  | | |  |  |
|  | 298.0 | | 584.61 | | | | |  | |  | |  | | |  | | |  |  |
|  | 299.0 | | 569.38 | | | | |  | |  | |  | | |  | | |  |  |
|  | 300.0 | | 553.97 | | | | |  | |  | |  | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Table Function: tfPriceSugar\_high | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Public | | | | false | | | | | | | | | |  | | |  |  |
|  | Interpolation | | | | LINEAR | | | | | | | | | |  | | |  |  |
|  | Out Of Range Behaviour | | | | NEAREST | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/tonSugar | | | | | | | | | |  | | |  |  |
|  | Table Data: | | | | | | | | | | | | | | | | | |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 1.0 | | 876.65 | | | | |  | |  | |  | | |  | | |  |  |
|  | 2.0 | | 876.65 | | | | |  | |  | |  | | |  | | |  |  |
|  | 3.0 | | 876.65 | | | | |  | |  | |  | | |  | | |  |  |
|  | 4.0 | | 876.65 | | | | |  | |  | |  | | |  | | |  |  |
|  | 5.0 | | 876.65 | | | | |  | |  | |  | | |  | | |  |  |
|  | 6.0 | | 786.74 | | | | |  | |  | |  | | |  | | |  |  |
|  | 7.0 | | 751.77 | | | | |  | |  | |  | | |  | | |  |  |
|  | 8.0 | | 918.28 | | | | |  | |  | |  | | |  | | |  |  |
|  | 9.0 | | 751.27 | | | | |  | |  | |  | | |  | | |  |  |
|  | 10.0 | | 650.36 | | | | |  | |  | |  | | |  | | |  |  |
|  | 11.0 | | 623.83 | | | | |  | |  | |  | | |  | | |  |  |
|  | 12.0 | | 652.04 | | | | |  | |  | |  | | |  | | |  |  |
|  | 13.0 | | 593.57 | | | | |  | |  | |  | | |  | | |  |  |
|  | 14.0 | | 542.92 | | | | |  | |  | |  | | |  | | |  |  |
|  | 15.0 | | 639.84 | | | | |  | |  | |  | | |  | | |  |  |
|  | 16.0 | | 819.23 | | | | |  | |  | |  | | |  | | |  |  |
|  | 17.0 | | 646.63 | | | | |  | |  | |  | | |  | | |  |  |
|  | 18.0 | | 756.45 | | | | |  | |  | |  | | |  | | |  |  |
|  | 19.0 | | 783.87 | | | | |  | |  | |  | | |  | | |  |  |
|  | 20.0 | | 833.67 | | | | |  | |  | |  | | |  | | |  |  |
|  | 21.0 | | 794.39 | | | | |  | |  | |  | | |  | | |  |  |
|  | 22.0 | | 759.72 | | | | |  | |  | |  | | |  | | |  |  |
|  | 23.0 | | 815.88 | | | | |  | |  | |  | | |  | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 24.0 | | 853.08 | | | | |  | |  | |  | | | | | |  |  |
|  | 25.0 | | 795.26 | | | | |  | |  | |  | | | | | |  |  |
|  | 26.0 | | 775.39 | | | | |  | |  | |  | | | | | |  |  |
|  | 27.0 | | 886.97 | | | | |  | |  | |  | | | | | |  |  |
|  | 28.0 | | 892.78 | | | | |  | |  | |  | | | | | |  |  |
|  | 29.0 | | 698.32 | | | | |  | |  | |  | | | | | |  |  |
|  | 30.0 | | 698.56 | | | | |  | |  | |  | | | | | |  |  |
|  | 31.0 | | 783.4 | | | | |  | |  | |  | | | | | |  |  |
|  | 32.0 | | 825.52 | | | | |  | |  | |  | | | | | |  |  |
|  | 33.0 | | 861.3 | | | | |  | |  | |  | | | | | |  |  |
|  | 34.0 | | 906.92 | | | | |  | |  | |  | | | | | |  |  |
|  | 35.0 | | 919.67 | | | | |  | |  | |  | | | | | |  |  |
|  | 36.0 | | 1049.74 | | | | |  | |  | |  | | | | | |  |  |
|  | 37.0 | | 1272.54 | | | | |  | |  | |  | | | | | |  |  |
|  | 38.0 | | 1372.97 | | | | |  | |  | |  | | | | | |  |  |
|  | 39.0 | | 1383.83 | | | | |  | |  | |  | | | | | |  |  |
|  | 40.0 | | 1353.87 | | | | |  | |  | |  | | | | | |  |  |
|  | 41.0 | | 1294.1 | | | | |  | |  | |  | | | | | |  |  |
|  | 42.0 | | 1316.08 | | | | |  | |  | |  | | | | | |  |  |
|  | 43.0 | | 1327.95 | | | | |  | |  | |  | | | | | |  |  |
|  | 44.0 | | 1160.62 | | | | |  | |  | |  | | | | | |  |  |
|  | 45.0 | | 997.44 | | | | |  | |  | |  | | | | | |  |  |
|  | 46.0 | | 972.07 | | | | |  | |  | |  | | | | | |  |  |
|  | 47.0 | | 944.57 | | | | |  | |  | |  | | | | | |  |  |
|  | 48.0 | | 950.07 | | | | |  | |  | |  | | | | | |  |  |
|  | 49.0 | | 946.14 | | | | |  | |  | |  | | | | | |  |  |
|  | 50.0 | | 897.18 | | | | |  | |  | |  | | | | | |  |  |
|  | 51.0 | | 888.46 | | | | |  | |  | |  | | | | | |  |  |
|  | 52.0 | | 865.9 | | | | |  | |  | |  | | | | | |  |  |
|  | 53.0 | | 729.03 | | | | |  | |  | |  | | | | | |  |  |
|  | 54.0 | | 634.9 | | | | |  | |  | |  | | | | | |  |  |
|  | 55.0 | | 618.49 | | | | |  | |  | |  | | | | | |  |  |
|  | 56.0 | | 629.92 | | | | |  | |  | |  | | | | | |  |  |
|  | 57.0 | | 621.08 | | | | |  | |  | |  | | | | | |  |  |
|  | 58.0 | | 585.92 | | | | |  | |  | |  | | | | | |  |  |
|  | 59.0 | | 564.34 | | | | |  | |  | |  | | | | | |  |  |
|  | 60.0 | | 565.55 | | | | |  | |  | |  | | | | | |  |  |
|  | 61.0 | | 593.48 | | | | |  | |  | |  | | | | | |  |  |
|  | 62.0 | | 618.74 | | | | |  | |  | |  | | | | | |  |  |
|  | 63.0 | | 643.39 | | | | |  | |  | |  | | | | | |  |  |
|  | 64.0 | | 651.94 | | | | |  | |  | |  | | | | | |  |  |
|  | 65.0 | | 608.03 | | | | |  | |  | |  | | | | | |  |  |
|  | 66.0 | | 584.36 | | | | |  | |  | |  | | | | | |  |  |
|  | 67.0 | | 603.14 | | | | |  | |  | |  | | | | | |  |  |
|  | 68.0 | | 643.39 | | | | |  | |  | |  | | | | | |  |  |
|  | 69.0 | | 680.94 | | | | |  | |  | |  | | | | | |  |  |
|  | 70.0 | | 680.4 | | | | |  | |  | |  | | | | | |  |  |
|  | 71.0 | | 671.52 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 72.0 | | 696.1 | | | | |  | |  | |  | | | | | |  |  |
|  | 73.0 | | 809.18 | | | | |  | |  | |  | | | | | |  |  |
|  | 74.0 | | 986.84 | | | | |  | |  | |  | | | | | |  |  |
|  | 75.0 | | 1071.92 | | | | |  | |  | |  | | | | | |  |  |
|  | 76.0 | | 1029.32 | | | | |  | |  | |  | | | | | |  |  |
|  | 77.0 | | 986.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 78.0 | | 935.34 | | | | |  | |  | |  | | | | | |  |  |
|  | 79.0 | | 925.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 80.0 | | 1013.04 | | | | |  | |  | |  | | | | | |  |  |
|  | 81.0 | | 1234.47 | | | | |  | |  | |  | | | | | |  |  |
|  | 82.0 | | 1274.5 | | | | |  | |  | |  | | | | | |  |  |
|  | 83.0 | | 1249.91 | | | | |  | |  | |  | | | | | |  |  |
|  | 84.0 | | 1307.29 | | | | |  | |  | |  | | | | | |  |  |
|  | 85.0 | | 1561.01 | | | | |  | |  | |  | | | | | |  |  |
|  | 86.0 | | 1580.41 | | | | |  | |  | |  | | | | | |  |  |
|  | 87.0 | | 1507.38 | | | | |  | |  | |  | | | | | |  |  |
|  | 88.0 | | 1369.26 | | | | |  | |  | |  | | | | | |  |  |
|  | 89.0 | | 926.76 | | | | |  | |  | |  | | | | | |  |  |
|  | 90.0 | | 852.77 | | | | |  | |  | |  | | | | | |  |  |
|  | 91.0 | | 859.61 | | | | |  | |  | |  | | | | | |  |  |
|  | 92.0 | | 963.27 | | | | |  | |  | |  | | | | | |  |  |
|  | 93.0 | | 1172.48 | | | | |  | |  | |  | | | | | |  |  |
|  | 94.0 | | 1461.82 | | | | |  | |  | |  | | | | | |  |  |
|  | 95.0 | | 1510.44 | | | | |  | |  | |  | | | | | |  |  |
|  | 96.0 | | 1510.56 | | | | |  | |  | |  | | | | | |  |  |
|  | 97.0 | | 1510.99 | | | | |  | |  | |  | | | | | |  |  |
|  | 98.0 | | 1476.26 | | | | |  | |  | |  | | | | | |  |  |
|  | 99.0 | | 1375.74 | | | | |  | |  | |  | | | | | |  |  |
|  | 100.0 | | 1285.16 | | | | |  | |  | |  | | | | | |  |  |
|  | 101.0 | | 1158.67 | | | | |  | |  | |  | | | | | |  |  |
|  | 102.0 | | 1066.7 | | | | |  | |  | |  | | | | | |  |  |
|  | 103.0 | | 1250.31 | | | | |  | |  | |  | | | | | |  |  |
|  | 104.0 | | 1322.99 | | | | |  | |  | |  | | | | | |  |  |
|  | 105.0 | | 1250.19 | | | | |  | |  | |  | | | | | |  |  |
|  | 106.0 | | 1197.85 | | | | |  | |  | |  | | | | | |  |  |
|  | 107.0 | | 1215.3 | | | | |  | |  | |  | | | | | |  |  |
|  | 108.0 | | 1210.79 | | | | |  | |  | |  | | | | | |  |  |
|  | 109.0 | | 1177.99 | | | | |  | |  | |  | | | | | |  |  |
|  | 110.0 | | 1126.36 | | | | |  | |  | |  | | | | | |  |  |
|  | 111.0 | | 901.47 | | | | |  | |  | |  | | | | | |  |  |
|  | 112.0 | | 867.06 | | | | |  | |  | |  | | | | | |  |  |
|  | 113.0 | | 835.15 | | | | |  | |  | |  | | | | | |  |  |
|  | 114.0 | | 806.34 | | | | |  | |  | |  | | | | | |  |  |
|  | 115.0 | | 781.15 | | | | |  | |  | |  | | | | | |  |  |
|  | 116.0 | | 760.05 | | | | |  | |  | |  | | | | | |  |  |
|  | 117.0 | | 743.45 | | | | |  | |  | |  | | | | | |  |  |
|  | 118.0 | | 731.69 | | | | |  | |  | |  | | | | | |  |  |
|  | 119.0 | | 724.99 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 120.0 | | 723.54 | | | | |  | |  | |  | | | | | |  |  |
|  | 121.0 | | 727.39 | | | | |  | |  | |  | | | | | |  |  |
|  | 122.0 | | 736.53 | | | | |  | |  | |  | | | | | |  |  |
|  | 123.0 | | 750.85 | | | | |  | |  | |  | | | | | |  |  |
|  | 124.0 | | 770.15 | | | | |  | |  | |  | | | | | |  |  |
|  | 125.0 | | 794.14 | | | | |  | |  | |  | | | | | |  |  |
|  | 126.0 | | 822.46 | | | | |  | |  | |  | | | | | |  |  |
|  | 127.0 | | 854.67 | | | | |  | |  | |  | | | | | |  |  |
|  | 128.0 | | 890.26 | | | | |  | |  | |  | | | | | |  |  |
|  | 129.0 | | 928.65 | | | | |  | |  | |  | | | | | |  |  |
|  | 130.0 | | 969.23 | | | | |  | |  | |  | | | | | |  |  |
|  | 131.0 | | 1011.34 | | | | |  | |  | |  | | | | | |  |  |
|  | 132.0 | | 1054.3 | | | | |  | |  | |  | | | | | |  |  |
|  | 133.0 | | 1097.39 | | | | |  | |  | |  | | | | | |  |  |
|  | 134.0 | | 1139.92 | | | | |  | |  | |  | | | | | |  |  |
|  | 135.0 | | 1181.17 | | | | |  | |  | |  | | | | | |  |  |
|  | 136.0 | | 1220.47 | | | | |  | |  | |  | | | | | |  |  |
|  | 137.0 | | 1257.17 | | | | |  | |  | |  | | | | | |  |  |
|  | 138.0 | | 1290.67 | | | | |  | |  | |  | | | | | |  |  |
|  | 139.0 | | 1320.39 | | | | |  | |  | |  | | | | | |  |  |
|  | 140.0 | | 1345.87 | | | | |  | |  | |  | | | | | |  |  |
|  | 141.0 | | 1366.66 | | | | |  | |  | |  | | | | | |  |  |
|  | 142.0 | | 1382.44 | | | | |  | |  | |  | | | | | |  |  |
|  | 143.0 | | 1392.94 | | | | |  | |  | |  | | | | | |  |  |
|  | 144.0 | | 1398.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 145.0 | | 1397.55 | | | | |  | |  | |  | | | | | |  |  |
|  | 146.0 | | 1391.59 | | | | |  | |  | |  | | | | | |  |  |
|  | 147.0 | | 1380.26 | | | | |  | |  | |  | | | | | |  |  |
|  | 148.0 | | 1363.75 | | | | |  | |  | |  | | | | | |  |  |
|  | 149.0 | | 1342.36 | | | | |  | |  | |  | | | | | |  |  |
|  | 150.0 | | 1316.48 | | | | |  | |  | |  | | | | | |  |  |
|  | 151.0 | | 1286.56 | | | | |  | |  | |  | | | | | |  |  |
|  | 152.0 | | 1253.13 | | | | |  | |  | |  | | | | | |  |  |
|  | 153.0 | | 1216.78 | | | | |  | |  | |  | | | | | |  |  |
|  | 154.0 | | 1178.17 | | | | |  | |  | |  | | | | | |  |  |
|  | 155.0 | | 1137.97 | | | | |  | |  | |  | | | | | |  |  |
|  | 156.0 | | 1096.89 | | | | |  | |  | |  | | | | | |  |  |
|  | 157.0 | | 1055.68 | | | | |  | |  | |  | | | | | |  |  |
|  | 158.0 | | 1015.07 | | | | |  | |  | |  | | | | | |  |  |
|  | 159.0 | | 975.78 | | | | |  | |  | |  | | | | | |  |  |
|  | 160.0 | | 938.53 | | | | |  | |  | |  | | | | | |  |  |
|  | 161.0 | | 904.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 162.0 | | 872.81 | | | | |  | |  | |  | | | | | |  |  |
|  | 163.0 | | 845.54 | | | | |  | |  | |  | | | | | |  |  |
|  | 164.0 | | 822.7 | | | | |  | |  | |  | | | | | |  |  |
|  | 165.0 | | 804.74 | | | | |  | |  | |  | | | | | |  |  |
|  | 166.0 | | 792.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 167.0 | | 784.76 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 168.0 | | 783.18 | | | | |  | |  | |  | | | | | |  |  |
|  | 169.0 | | 787.35 | | | | |  | |  | |  | | | | | |  |  |
|  | 170.0 | | 797.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 171.0 | | 812.74 | | | | |  | |  | |  | | | | | |  |  |
|  | 172.0 | | 833.63 | | | | |  | |  | |  | | | | | |  |  |
|  | 173.0 | | 859.61 | | | | |  | |  | |  | | | | | |  |  |
|  | 174.0 | | 890.26 | | | | |  | |  | |  | | | | | |  |  |
|  | 175.0 | | 925.13 | | | | |  | |  | |  | | | | | |  |  |
|  | 176.0 | | 963.64 | | | | |  | |  | |  | | | | | |  |  |
|  | 177.0 | | 1005.2 | | | | |  | |  | |  | | | | | |  |  |
|  | 178.0 | | 1049.13 | | | | |  | |  | |  | | | | | |  |  |
|  | 179.0 | | 1094.71 | | | | |  | |  | |  | | | | | |  |  |
|  | 180.0 | | 1141.21 | | | | |  | |  | |  | | | | | |  |  |
|  | 181.0 | | 1187.85 | | | | |  | |  | |  | | | | | |  |  |
|  | 182.0 | | 1233.88 | | | | |  | |  | |  | | | | | |  |  |
|  | 183.0 | | 1278.54 | | | | |  | |  | |  | | | | | |  |  |
|  | 184.0 | | 1321.08 | | | | |  | |  | |  | | | | | |  |  |
|  | 185.0 | | 1360.81 | | | | |  | |  | |  | | | | | |  |  |
|  | 186.0 | | 1397.06 | | | | |  | |  | |  | | | | | |  |  |
|  | 187.0 | | 1429.24 | | | | |  | |  | |  | | | | | |  |  |
|  | 188.0 | | 1456.81 | | | | |  | |  | |  | | | | | |  |  |
|  | 189.0 | | 1479.32 | | | | |  | |  | |  | | | | | |  |  |
|  | 190.0 | | 1496.39 | | | | |  | |  | |  | | | | | |  |  |
|  | 191.0 | | 1507.76 | | | | |  | |  | |  | | | | | |  |  |
|  | 192.0 | | 1513.24 | | | | |  | |  | |  | | | | | |  |  |
|  | 193.0 | | 1512.75 | | | | |  | |  | |  | | | | | |  |  |
|  | 194.0 | | 1506.31 | | | | |  | |  | |  | | | | | |  |  |
|  | 195.0 | | 1494.04 | | | | |  | |  | |  | | | | | |  |  |
|  | 196.0 | | 1476.17 | | | | |  | |  | |  | | | | | |  |  |
|  | 197.0 | | 1453.02 | | | | |  | |  | |  | | | | | |  |  |
|  | 198.0 | | 1425.0 | | | | |  | |  | |  | | | | | |  |  |
|  | 199.0 | | 1392.61 | | | | |  | |  | |  | | | | | |  |  |
|  | 200.0 | | 1356.43 | | | | |  | |  | |  | | | | | |  |  |
|  | 201.0 | | 1317.08 | | | | |  | |  | |  | | | | | |  |  |
|  | 202.0 | | 1275.29 | | | | |  | |  | |  | | | | | |  |  |
|  | 203.0 | | 1231.77 | | | | |  | |  | |  | | | | | |  |  |
|  | 204.0 | | 1187.31 | | | | |  | |  | |  | | | | | |  |  |
|  | 205.0 | | 1142.7 | | | | |  | |  | |  | | | | | |  |  |
|  | 206.0 | | 1098.74 | | | | |  | |  | |  | | | | | |  |  |
|  | 207.0 | | 1056.22 | | | | |  | |  | |  | | | | | |  |  |
|  | 208.0 | | 1015.9 | | | | |  | |  | |  | | | | | |  |  |
|  | 209.0 | | 978.52 | | | | |  | |  | |  | | | | | |  |  |
|  | 210.0 | | 944.75 | | | | |  | |  | |  | | | | | |  |  |
|  | 211.0 | | 915.24 | | | | |  | |  | |  | | | | | |  |  |
|  | 212.0 | | 890.52 | | | | |  | |  | |  | | | | | |  |  |
|  | 213.0 | | 871.07 | | | | |  | |  | |  | | | | | |  |  |
|  | 214.0 | | 857.29 | | | | |  | |  | |  | | | | | |  |  |
|  | 215.0 | | 849.45 | | | | |  | |  | |  | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | | | | |  |  |
|  | 216.0 | | 847.74 | | | | |  | |  | |  | | | | | |  |  |
|  | 217.0 | | 852.25 | | | | |  | |  | |  | | | | | |  |  |
|  | 218.0 | | 862.96 | | | | |  | |  | |  | | | | | |  |  |
|  | 219.0 | | 879.74 | | | | |  | |  | |  | | | | | |  |  |
|  | 220.0 | | 902.35 | | | | |  | |  | |  | | | | | |  |  |
|  | 221.0 | | 930.46 | | | | |  | |  | |  | | | | | |  |  |
|  | 222.0 | | 963.65 | | | | |  | |  | |  | | | | | |  |  |
|  | 223.0 | | 1001.39 | | | | |  | |  | |  | | | | | |  |  |
|  | 224.0 | | 1043.08 | | | | |  | |  | |  | | | | | |  |  |
|  | 225.0 | | 1088.06 | | | | |  | |  | |  | | | | | |  |  |
|  | 226.0 | | 1135.61 | | | | |  | |  | |  | | | | | |  |  |
|  | 227.0 | | 1184.95 | | | | |  | |  | |  | | | | | |  |  |
|  | 228.0 | | 1235.28 | | | | |  | |  | |  | | | | | |  |  |
|  | 229.0 | | 1285.77 | | | | |  | |  | |  | | | | | |  |  |
|  | 230.0 | | 1335.59 | | | | |  | |  | |  | | | | | |  |  |
|  | 231.0 | | 1383.93 | | | | |  | |  | |  | | | | | |  |  |
|  | 232.0 | | 1429.98 | | | | |  | |  | |  | | | | | |  |  |
|  | 233.0 | | 1472.98 | | | | |  | |  | |  | | | | | |  |  |
|  | 234.0 | | 1512.22 | | | | |  | |  | |  | | | | | |  |  |
|  | 235.0 | | 1547.05 | | | | |  | |  | |  | | | | | |  |  |
|  | 236.0 | | 1576.9 | | | | |  | |  | |  | | | | | |  |  |
|  | 237.0 | | 1601.26 | | | | |  | |  | |  | | | | | |  |  |
|  | 238.0 | | 1619.75 | | | | |  | |  | |  | | | | | |  |  |
|  | 239.0 | | 1632.05 | | | | |  | |  | |  | | | | | |  |  |
|  | 240.0 | | 1637.98 | | | | |  | |  | |  | | | | | |  |  |
|  | 241.0 | | 1637.45 | | | | |  | |  | |  | | | | | |  |  |
|  | 242.0 | | 1630.47 | | | | |  | |  | |  | | | | | |  |  |
|  | 243.0 | | 1617.19 | | | | |  | |  | |  | | | | | |  |  |
|  | 244.0 | | 1597.85 | | | | |  | |  | |  | | | | | |  |  |
|  | 245.0 | | 1572.79 | | | | |  | |  | |  | | | | | |  |  |
|  | 246.0 | | 1542.47 | | | | |  | |  | |  | | | | | |  |  |
|  | 247.0 | | 1507.41 | | | | |  | |  | |  | | | | | |  |  |
|  | 248.0 | | 1468.24 | | | | |  | |  | |  | | | | | |  |  |
|  | 249.0 | | 1425.66 | | | | |  | |  | |  | | | | | |  |  |
|  | 250.0 | | 1380.41 | | | | |  | |  | |  | | | | | |  |  |
|  | 251.0 | | 1333.31 | | | | |  | |  | |  | | | | | |  |  |
|  | 252.0 | | 1285.18 | | | | |  | |  | |  | | | | | |  |  |
|  | 253.0 | | 1236.9 | | | | |  | |  | |  | | | | | |  |  |
|  | 254.0 | | 1189.31 | | | | |  | |  | |  | | | | | |  |  |
|  | 255.0 | | 1143.29 | | | | |  | |  | |  | | | | | |  |  |
|  | 256.0 | | 1099.64 | | | | |  | |  | |  | | | | | |  |  |
|  | 257.0 | | 1059.18 | | | | |  | |  | |  | | | | | |  |  |
|  | 258.0 | | 1022.63 | | | | |  | |  | |  | | | | | |  |  |
|  | 259.0 | | 990.68 | | | | |  | |  | |  | | | | | |  |  |
|  | 260.0 | | 963.93 | | | | |  | |  | |  | | | | | |  |  |
|  | 261.0 | | 942.88 | | | | |  | |  | |  | | | | | |  |  |
|  | 262.0 | | 927.95 | | | | |  | |  | |  | | | | | |  |  |
|  | 263.0 | | 919.47 | | | | |  | |  | |  | | | | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Table Data: | | | | | | | | | | | | | | | | | |  |
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|  | Argument | | Value | | | | |  | |  | |  | | |  | | |  |  |
|  | 264.0 | | 917.62 | | | | |  | |  | |  | | |  | | |  |  |
|  | 265.0 | | 922.51 | | | | |  | |  | |  | | |  | | |  |  |
|  | 266.0 | | 934.1 | | | | |  | |  | |  | | |  | | |  |  |
|  | 267.0 | | 952.26 | | | | |  | |  | |  | | |  | | |  |  |
|  | 268.0 | | 976.74 | | | | |  | |  | |  | | |  | | |  |  |
|  | 269.0 | | 1007.17 | | | | |  | |  | |  | | |  | | |  |  |
|  | 270.0 | | 1043.08 | | | | |  | |  | |  | | |  | | |  |  |
|  | 271.0 | | 1083.93 | | | | |  | |  | |  | | |  | | |  |  |
|  | 272.0 | | 1129.06 | | | | |  | |  | |  | | |  | | |  |  |
|  | 273.0 | | 1177.75 | | | | |  | |  | |  | | |  | | |  |  |
|  | 274.0 | | 1229.22 | | | | |  | |  | |  | | |  | | |  |  |
|  | 275.0 | | 1282.63 | | | | |  | |  | |  | | |  | | |  |  |
|  | 276.0 | | 1337.11 | | | | |  | |  | |  | | |  | | |  |  |
|  | 277.0 | | 1391.76 | | | | |  | |  | |  | | |  | | |  |  |
|  | 278.0 | | 1445.69 | | | | |  | |  | |  | | |  | | |  |  |
|  | 279.0 | | 1498.01 | | | | |  | |  | |  | | |  | | |  |  |
|  | 280.0 | | 1547.86 | | | | |  | |  | |  | | |  | | |  |  |
|  | 281.0 | | 1594.4 | | | | |  | |  | |  | | |  | | |  |  |
|  | 282.0 | | 1636.88 | | | | |  | |  | |  | | |  | | |  |  |
|  | 283.0 | | 1674.58 | | | | |  | |  | |  | | |  | | |  |  |
|  | 284.0 | | 1706.88 | | | | |  | |  | |  | | |  | | |  |  |
|  | 285.0 | | 1733.26 | | | | |  | |  | |  | | |  | | |  |  |
|  | 286.0 | | 1753.27 | | | | |  | |  | |  | | |  | | |  |  |
|  | 287.0 | | 1766.58 | | | | |  | |  | |  | | |  | | |  |  |
|  | 288.0 | | 1773.0 | | | | |  | |  | |  | | |  | | |  |  |
|  | 289.0 | | 1772.42 | | | | |  | |  | |  | | |  | | |  |  |
|  | 290.0 | | 1764.88 | | | | |  | |  | |  | | |  | | |  |  |
|  | 291.0 | | 1750.5 | | | | |  | |  | |  | | |  | | |  |  |
|  | 292.0 | | 1729.57 | | | | |  | |  | |  | | |  | | |  |  |
|  | 293.0 | | 1702.44 | | | | |  | |  | |  | | |  | | |  |  |
|  | 294.0 | | 1669.61 | | | | |  | |  | |  | | |  | | |  |  |
|  | 295.0 | | 1631.67 | | | | |  | |  | |  | | |  | | |  |  |
|  | 296.0 | | 1589.27 | | | | |  | |  | |  | | |  | | |  |  |
|  | 297.0 | | 1543.17 | | | | |  | |  | |  | | |  | | |  |  |
|  | 298.0 | | 1494.2 | | | | |  | |  | |  | | |  | | |  |  |
|  | 299.0 | | 1443.22 | | | | |  | |  | |  | | |  | | |  |  |
|  | 300.0 | | 1391.13 | | | | |  | |  | |  | | |  | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Event: eventPause | | | | | | | | | | | | | | | | |  |  |
|  |  | |  | |  |  | |  | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Trigger Type | | | | timeout | | | | | | | | | |  | | |  |  |
|  | Mode | | | | cyclic | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | pauseTime | | | | | | | | | |  | | |  |  |
|  | Occurence Time | | | | pauseTime | | | | | | | | | |  | | |  |  |
|  | Action | | | | pauseSimulation(); | | | | | | | | | |  | | |  |  |
|  |  | | | | | | | | | | | | | | | | | |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Event: eventWeatherCyclic | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Trigger Type | | | | timeout | | | | | | | | | |  | | |  |  |
|  | Mode | | | | cyclic | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 12 | | | | | | | | | |  | | |  |  |
|  | Occurence Time | | | | 1 | | | | | | | | | |  | | |  |  |
|  | Action | | | | randomEffectWeather=max(0,normal(meanWeather,stdDevWeather)); | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Event: eventStop | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Trigger Type | | | | timeout | | | | | | | | | |  | | |  |  |
|  | Mode | | | | occuresOnce | | | | | | | | | |  | | |  |  |
|  | Occurence Time | | | | numberPeriods | | | | | | | | | |  | | |  |  |
|  | Action | | | | finishSimulation() | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Variable: randomEffectWeather | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Type | | | | double | | | | | | | | | |  | | |  |  |
|  | Initial Value | | | | 0 | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Variable: v\_whichView | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Type | | | | String | | | | | | | | | |  | | |  |  |
|  | Initial Value | | | | "demand" | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Stock: tradersExpectedPrice | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Price per litre of ethanol expected by the market. The actual spot price is the expected price plus or minus the variations given by the industry cost and the perceived level of inventory coverage. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Initial Value | | | | iniPriceEthanol//scenarioDemand == "fixed" ? .887 : iniPriceEthanol | | | | | | | | | |  | | |  |  |
|  | Expression | | | | changeTradersExpPrice | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/litre | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: changeTradersExpPrice | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | (indicatedPrice-tradersExpectedPrice)/tradersExpectedPriceAdjTime | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/litre/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: effectCostsOnPrice | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Indicates how much the price will change with a change in cost for the industry. The higher the number, the bigger the effect. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | 1+sensitivityPriceToCost\*(expectedProductionCostHydrous/tradersExpectedPrice-1) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: indicatedPrice | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | max(priceEthanolHydrousEquivalent,productionCostHydrous\*fractionCostVariable/litrePerM3) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/litre | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: priceEthanolHydrousEquivalent | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: The actual spot price of one liter of ethanol (in reals). It is the expected price plus or minus the variations given by the industry cost and the perceived level of inventory coverage. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | tradersExpectedPrice\*effectInvCoverageOnPrice\*effectCostsOnPrice | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/litre | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: effectInvCoverageOnPrice | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Captures the inbalance between supply and demand. The sign is negative as more perceived coverage will reduce the price and vice- | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | versa. | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | pow(perceivedRatioInvCoverage,sensitivityPriceToInvCoverage) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: perceivedRatioInvCoverage | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | smooth(invCoverageEthanol/referenceInvCoverage,invCoveragePerceptionTime,iniRatioInvCoverage) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | days | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: invCoverageEthanol | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Indicates how many days worth of current sales are available in the inventory. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | zidz(inventoryEthanol,totalDemandEthanol/daysPerMonth) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | days | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Stock: inventoryEthanol | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: The total amount of Ethanol available in stock in thousand cubic meters (Km3), by type (hydrous or anhydrous). Initial values are given by iniInventory. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Initial Value | | | | scenarioDemand == "fixed" ? desiredInventoryEthanol : iniInventoryEthanol | | | | | | | | | |  | | |  |  |
|  | Expression | | | | productionRate-shipmentRate | | | | | | | | | |  | | |  |  |
|  | Color | | | | lightPink | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | m3 | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: adjustInventoryEthanol | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Corrects inventory for the desired amount | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | (desiredInventoryEthanol-inventoryEthanol)/inventoryAT | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | m3/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: desiredInventoryEthanol | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: How much inventory is necessary (in cubic meters) to cover demand for the desired number of days. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | Formula | | | | referenceInvCoverage\*totalDemandEthanol/daysPerMonth | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | m3 | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: maxShipRateHydrous | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: The upper limit to the amount that can be shipped out of the inventory considering the minimum order processing time. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | inventoryEthanol/minOrderProcessingTime | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | m3/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: shipmentRateEthanol | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: The shipment rate is equal to the desired shipment rate when there is enough product in inventory. When the inventory falls it gets harder and harder to ship everything that was ordered. Normally this relationship is non-linear. The non-linearity is given by the table function 'orderFullfilmentRatio'. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | totalDemandEthanol\*tfOrderFulfillmentRatio(maxShipRateHydrous/totalDemandEthanol) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | m3/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: totalDemandEthanol | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | desiredShipmentHydrous+desiredShipHydrousEquivalent+netExportsEthanol //tfInputDemandHydrous(time())+tfInputDemandAnhydrous(time())/(1-lossRate)+netExportsEthanol | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | m3/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: desiredShipmentHydrous | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Total amont of orders for hydrous ethanol received from the consumers. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | smooth(indicatedDemandEthanol,demandAT) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | m3/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: hydrousIndicatedRetailPrice | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: The variable priceEthanol is the wholesale price. The model assumes (on a first iteration) a constant markup for retail sales. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | Formula | | | | priceEthanolHydrousEquivalent\*hydrousAvgRetailMarkup | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/litre | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: indicatedDemandEthanol | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | (demandKmEthanol/efficiencyEthanol)/(monthPerYear\*litrePerM3)//litre/year / 1000 litre/m3 / 12month/year | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | m3/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: demandKmEthanol | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | demandKmPerCapitaEthanol\*populationEthanol | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | Km/year | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: demandKmPerCapitaEthanol | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: The demand for fuel is fundamentally driven by the income per capita and price. The demand is calculated from these variables according to the following equation: D=K.Y^α.P^β, where D is demand per Km per capita, Y is the income per capita and P is the price per Kilometre. The constant term K and the income and price elasticities (α and β respectively) were obtained statistically from historical data. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | min(maxKmPerCapitaPerYear,consumptionConstantTerm\*pow(GDPperCapita,consumptionIncomeElasticity)\*pow(priceHydrousPerKm,consumptionPriceElasticity)) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | Km/people/year | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: priceHydrousPerKm | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | priceHydrousRetail/efficiencyEthanol | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/Km | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Stock: efficiencyEthanol | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Initial Value | | | | 7 | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | Km/litre | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: changeEffEthanol | | | | | | | | | | | | | | | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | scenarioDemand == "fixed" ? 0 : (maxEfficiencyEthanol-efficiencyEthanol)/timeToChangeEfficiency | | | | | | | | | |  | | |  |  |
|  | Color | | | | new Color(128, 0, 0, 109) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | Km/litre/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: changeEffGasoline | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | scenarioDemand == "fixed" ? 0 : (maxEfficiencyGasoline-efficiencyGasoline)/timeToChangeEfficiency | | | | | | | | | |  | | |  |  |
|  | Color | | | | new Color(128, 0, 0, 109) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | Km/litre/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Stock: efficiencyGasoline | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Initial Value | | | | 10 | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | Km/litre | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: priceGasolinePerKm | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | priceGasoline/efficiencyGasoline | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/Km | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: priceGasoline | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Gasoline price is a weighted average of the prices of gasoline A (pure gasoline) and anhydrous ethanol which is added to it. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | priceGasolineA\*(1-fractionAnhydrous)+priceAnhydrousRetail\*fractionAnhydrous | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/litre | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: demandKmPerCapitaGasoline | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: The demand for fuel is fundamentally driven by the income per capita and price. The demand is calculated from these variables according to the following equation: D=K.Y^α.P^β, where D is demand per Km per capita, Y is the income per capita and P is the price per Kilometre. The constant term K and the income and price elasticities (α and β respectively) were obtained statistically from historical data. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | min(maxKmPerCapitaPerYear,consumptionConstantTerm\*pow | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  |  | | | | (GDPperCapita,consumptionIncomeElasticity)\*pow(priceGasolinePerKm,consumptionPriceElasticity)) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | Km/people/year | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: GDPperCapita | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | (scenarioDemand == "fixed" ? 17000 : scenarioDemand == "base" ? tfGDPperCapita\_base(time()) : scenarioDemand == "low" ? tfGDPperCapita\_low(time()) : scenarioDemand == "high" ? tfGDPperCapita\_high(time()) : tfGDPperCapita\_base(time()))\*(1+step(stepIncome,startSchock)-step(stepIncome,startSchock+durationSchock)) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/year/people | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: indicatedVehiclesPerCapita | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: This value is estimated from a simple regression depending on GDP per capita only. The result is in number of vehicles per people. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | -0.059568+0.0000119\*smooth(GDPperCapita,3) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | vehicles/people | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: gapVehicles | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | (indicatedVehiclesPerCapita-vehiclesPerCapita)\*population | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | vehicles | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Stock: population | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Brazilian population | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Initial Value | | | | scenarioDemand == "fixed" ? 194946470.0 : 181633074.0//pop. in 2003 (worldbank data) | | | | | | | | | |  | | |  |  |
|  | Color | | | | lightPink | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | people | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: netChangePopulation | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | population\*log(1+monthlyChangePop)//log (natural) converts the compound growth rate to a continuous rate | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | people/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: vehiclesPerCapita | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | totalFleet/population | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | vehicles/people | | | | | | | | | |  | | |  |  |
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|  | Auxiliary: totalFleet | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | fleetEthanol+fleetFlex+fleetGasoline | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | vehicles | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Stock: fleetEthanol | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Initial Value | | | | 1017179 | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | vehicles | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: scrapRateEthanol | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | fleetEthanol/remainingLifeEthanol | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | vehicles/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Stock: fleetFlex | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Initial Value | | | | 48178 | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | vehicles | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Stock: fleetGasoline | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Initial Value | | | | 16132257 | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | vehicles | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Auxiliary: totalScrapRate | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | scrapRateEthanol+scrapRateFlex+scrapRateGasoline | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | vehicles/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: scrapRateFlex | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | min(fleetFlex/avgLifeVehicle,smooth3(smooth3(addRateFlex,avgLifeVehicle/2.0,.0),avgLifeVehicle/2.0))//equivalent to a 6th order delay with the average life | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | vehicles/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: scrapRateGasoline | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | min(fleetGasoline/avgLifeVehicle,smooth3(smooth3(addRateGasoline,avgLifeVehicle/2.0,1000000.0/12),avgLifeVehicle/2.0))//equivalent to a 6th order delay with the average life | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | vehicles/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: addRateGasoline | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | totalAddRate\*shareOfGasolineInSales | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | vehicles/time | | | | | | | | | |  | | |  |  |
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|  | Flow: addRateFlex | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | totalAddRate-addRateGasoline | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | vehicles/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: totalAddRate | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | totalScrapRate+gapVehicles/timeToCloseGapFleet | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | vehicles/time | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: shareOfGasolineInSales | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: This share is exogenous and reflects the share of new car sales that will still be for gasoline only vehicles. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | tfShareOfGasolineInSales\_base(time()) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: monthlyChangePop | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: The historic yearly averages are provided by the table function. The parameter determines a single rate for the future. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | scenarioDemand == "fixed" ? 0.0 : max(0,pow(1.0+(tfYearlyChangePopulation(time())),1.0/12)-1) | | | | | | | | | |  | | |  |  |
|  | Color | | | | new Color(128, 0, 0, 109) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | 1/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: priceRatioEthanol | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | priceHydrousPerKm/priceGasolinePerKm | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: indicatedPreferenceEthanol | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: If the price per Km for Ethanol grows bigger than for gasoline, users who still prefer Ethanol will start shifting with time. The model assumes a slight bias towards ethanol: if the prices are the same more consumers will prefer ethanol over gasoline. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | tfEffectPriceRatioOnPreference(priceRatioEthanol) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: changePreference | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | (indicatedPreferenceEthanol-preferenceEthanol)/timeToChangePreference | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | 1/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Stock: preferenceEthanol | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: This stock represents the preference for Ethanol of the flex-vehicle owners. It will vary with the difference in price. If the price per Km for Ethanol grows bigger than for gasoline, users who still prefer Ethanol will start shifting. It is a stock, which means there is a memory. The preference does not change immediately after a change in price. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | Initial Value | | | | scenarioDemand == "fixed" ? .42 : .55 | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: shareEthanol | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | scenarioDemand == "fixed" ? 20000000.0\*preferenceEthanol/26000000 : (fleetEthanol+fleetFlex\*preferenceEthanol)/totalFleet | | | | | | | | | |  | | |  |  |
|  | Color | | | | new Color(128, 0, 0, 109) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: populationEthanol | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | population\*shareEthanol | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | people | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: populationGasoline | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | population-populationEthanol | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | people | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: demandKmGasoline | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | demandKmPerCapitaGasoline\*populationGasoline | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | Km/year | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: indicatedDemandGasoline | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | (demandKmGasoline/efficiencyGasoline)/(monthPerYear\*litrePerM3)//litre/year / 1000 litre/m3 / 12month/year | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | m3/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: desiredShipmentAnhydrous | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: The desired shipment rate is the total amont of orders for ethanol received from the consumers. | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | smooth(indicatedDemandGasoline\*fractionAnhydrous,demandAT) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | m3/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: fractionAnhydrous | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | scenarioDemand == "fixed" ? .22 : time() <= lastMonthHistory ? tfFractionAnhydrous\_base(time()) : fractionAnhydrousInput | | | | | | | | | |  | | |  |  |
|  | Color | | | | new Color(128, 0, 0, 109) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: profitMarginHydrousEquivalent | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | zidz(priceEthanolHydrousEquivalent\*litrePerM3,productionCostHydrous) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: expectedProductionCostHydrous | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: This variable smooths the cost and converts from R$ per cubic meter to R$ per litre. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | smooth(productionCostHydrous,costExpAT)/litrePerM3 | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/litre | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: referenceInvCoverage | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: The reference value at each month equals the long term expectation of average inventory coverage times the seasonal factor. The market expects a high coverage at the end of the harvest and a proportionately smaller one at the beginning of the next harvest. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | noSeasonality == "true" ? 30.0 : avgExpectedInvCoverage\*tfSeasonalityInvCoverage(currentMonth-1) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | days | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: productionCostHydrous | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | (industrialCostHydrous+feedstockCostHydrous)\*(1-ethanolSubsidies) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/m3 | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Auxiliary: industrialCostHydrous | | | | | | | | | | | | | | | | |  |  |
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|  | Description: The industrial cost is assumed to decrease with the accumulated production according to the experience curve model (Bake, 2009):  Cost = Cost(zero) \* hydrousAccumulatedProduction ^b,  where Cost(zero) is the cost to produce the first cubic meter of ethanol and b is the expericence index. The parameter values were found statistically based on historical data. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | 106859.7\*pow(scenarioProductivity=="fixed" ? 300817372.0 : hydrousAccumulatedProduction,-.304) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/m3 | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: feedstockCostHydrous | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | costPerTRS\*prodTRStoHydrous | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/m3 | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: productionRate | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Flow of ethanol being produced (in thousand cubic meters per month) that will add to the inventory of finished products. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | max(0,fractionTRStoEthanol\*TRSmonthlyProduction/prodTRStoHydrous) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | m3/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Stock: fractionTRStoEthanol | | | | | | | | | | | | | | | | |  |  |
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|  | Description: Indicates which fraction of the production capacity is being used now to produce Ethanol. The rest (1 - fractionTRStoEthanol) is being used to produce sugar. The fraction will change with time based on the industry's expected profit from each product. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Initial Value | | | | scenarioDemand == "fixed" ? .65 : .52 | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
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|  | Flow: TRSmonthlyProduction | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | sugarCaneMonthlyProduction\*sugarcaneProductivity | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | tonTRS/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: sugarCaneMonthlyProduction | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Production is seasonal so the yearly production is multiplied by a table with the monthly distribution of production. | | | | | | | | | | | | | | | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | min(sugarCaneYearlyProduction\*(noSeasonality == "true" ? 1.0/12 : tfHarvestSeazonality(currentMonth)),millCapacity) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ton/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: sugarCaneYearlyProduction | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | totalCrop\*landProductivity\*capacityUtilization | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ton/year | | | | | | | | | |  | | |  |  |
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|  | Auxiliary: currentMonth | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | time()+1-(floor(time()/12)\*12) | | | | | | | | | |  | | |  |  |
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|  | Auxiliary: landProductivity | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Productivity is assumed to increase with accumulated production thanks to learning effects. It also depends on random weather effects and on the average age of the crops. | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | min(maxLandProductivity,initialLandProductivity\*pow((scenarioProductivity=="fixed" ? 9300000000.0 : sugarcaneAccumulatedProduction),landProdExperienceIndex))\*effectAgeInProductivity\*(1-effectWeatherInProductivity)\*(1+step(stepProductivity,startSchock)-step(stepProductivity,startSchock+durationSchock))\*(time()<=lastMonthHistory ? 1 : scenarioProductivity == "lowGrowth" ? exp((time()-lastMonthHistory)\*lowGrowthTimeIndex) : scenarioProductivity == "highGrowth" ? exp((time()-lastMonthHistory)\*highGrowthTimeIndex) : 1) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ton/ha/year | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Stock: sugarcaneAccumulatedProduction | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Total accumulated production. The initial value is the accumulated production until 2003 (UNICA, 2012); (Bake, 2009) | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Initial Value | | | | 7300000000.0 | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ton | | | | | | | | | |  | | |  |  |
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|  | Auxiliary: sugarcaneProductivity | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | initialSCProductivity\*pow((scenarioProductivity=="fixed" ? | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  |  | | | | 1001415412.0 : TRSaccumulatedProduction),elasticitySCProdToAcumProd) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | tonTRS/ton | | | | | | | | | |  | | |  |  |
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|  | Auxiliary: totalCrop | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | crop1stHarvest+crop2ndHarvest+crop3rdHarvest+crop4thHarvest+crop5thHarvest+cropOlder | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha | | | | | | | | | |  | | |  |  |
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|  | Stock: crop5thHarvest | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Initial Value | | | | scenarioDemand == "fixed" ? iniFixed : iniBase\*.857 | | | | | | | | | |  | | |  |  |
|  | Color | | | | lightPink | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha | | | | | | | | | |  | | |  |  |
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|  | Flow: aging5 | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | crop5thHarvest/oneYear | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha/time | | | | | | | | | |  | | |  |  |
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|  | Flow: aging1 | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | crop1stHarvest/oneYear | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha/time | | | | | | | | | |  | | |  |  |
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|  | Flow: aging2 | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | crop2ndHarvest/oneYear | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha/time | | | | | | | | | |  | | |  |  |
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|  | Stock: crop2ndHarvest | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Initial Value | | | | scenarioDemand == "fixed" ? iniFixed : iniBase\*1.143 | | | | | | | | | |  | | |  |  |
|  | Color | | | | lightPink | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha | | | | | | | | | |  | | |  |  |
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|  | Stock: crop1stHarvest | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Initial Value | | | | scenarioDemand == "fixed" ? iniFixed : iniBase\*1.143//18% of the land in 2003 (UNICA, 2012); (CANASAT, 2012) | | | | | | | | | |  | | |  |  |
|  | Color | | | | lightPink | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha | | | | | | | | | |  | | |  |  |
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|  | Flow: aging3 | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | crop3rdHarvest/oneYear | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha/time | | | | | | | | | |  | | |  |  |
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|  | Stock: crop3rdHarvest | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Initial Value | | | | scenarioDemand == "fixed" ? iniFixed : iniBase\*1.143 | | | | | | | | | |  | | |  |  |
|  | Color | | | | lightPink | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha | | | | | | | | | |  | | |  |  |
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|  | Flow: aging4 | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | crop4thHarvest/oneYear | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha/time | | | | | | | | | |  | | |  |  |
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|  | Stock: crop4thHarvest | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Initial Value | | | | scenarioDemand == "fixed" ? iniFixed : iniBase | | | | | | | | | |  | | |  |  |
|  | Color | | | | lightPink | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Stock: cropOlder | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: The total available land in hectares (ha) with sugar cane ready to be harvested. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Initial Value | | | | scenarioDemand == "fixed" ? iniFixed : iniBase\*1.286 | | | | | | | | | |  | | |  |  |
|  | Color | | | | lightPink | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha | | | | | | | | | |  | | |  |  |
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|  | Auxiliary: desiredRenovation | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | max(0.0,cropOlder + (gapCrop < 0 ? gapCrop : 0))/oneYear | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha/time | | | | | | | | | |  | | |  |  |
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|  | Flow: renovationRate | | | | | | | | | | | | | | | | |  |  |
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|  | Description: Sugarcane can be harvested several times before it has to be planted again. On average the replanting takes place every 6 years in Brazil (Andrade, 2012). | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | desiredRenovation\*fractionRenovated | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha/time | | | | | | | | | |  | | |  |  |
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|  | Auxiliary: fractionRenovated | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | tfEffectProfitOnRenovation(shortRunExpectedProfit) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: gapCrop | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | desiredCropSugarCane-totalCrop | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha | | | | | | | | | |  | | |  |  |
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|  | Auxiliary: desiredCropSugarCane | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | totalCrop\*tfEffectExpectedProfitDesiredCrop(shortRunExpectedProfit)\*effectSPOnDesiredCrop | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha | | | | | | | | | |  | | |  |  |
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|  | Auxiliary: effectAgeInProductivity | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Land productivity depends, among other factors, on the age of the crops. The older the crop the lower the productivity. This variable weights all the productivities with all the crop sizes of each age. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | (productivity1st\*crop1stHarvest+productivity2nd\*crop2ndHarvest+productivity3rd\*crop3rdHarvest+productivity4th\*crop4thHarvest+productivity5th\*crop5thHarvest+productivityOlder\*cropOlder)/totalCrop | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: degradingRate | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | cropOlder/timeToDegrade | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: effectWeatherInProductivity | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | scenarioProductivity=="fixed" ? 0.0 : time() <= lastMonthHistory ? tfEffectWeatherInProd\_base(time()) : tfEffectWeatherInProd\_base(time())+randomEffectWeather | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Stock: TRSaccumulatedProduction | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Initial Value | | | | 921415412.0 | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | tonTRS | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: plantingRate | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | min(max(0,gapCrop/timeToPlant),availableLand/timeToPlant)\*tfPlantingSeazonality(currentMonth) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: growthRate | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | delay(plantingRate,timeToGrow,degradingRate) | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Stock: availableLand | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Amount of land in hectares (ha) where sugar cane can be cultivated. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Initial Value | | | | 10000000 | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Stock: growingCropSugarCane | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Amount of land in hectares (ha) with growing sugar cane. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Initial Value | | | | timeToGrow\*cropOlder/timeToDegrade | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: costPerTRS | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: The cost per TRS (total recoverable sugar) combines all costs for the feedstock. It depends on a cost per hectare, assumed constant, and on the land and sugarcane productivities, so the productivity will dictate how this cost varies. There is a long term tendency for it to decrease due to the learning curves applied on the productivity indices. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | costPerHectare/(landProductivity\*sugarcaneProductivity) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/tonTRS | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: feedstockCostSugar | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: The feedstock costs depend on the cost per TRS (total recoverable sugar) and on the conversion factor (tonnes of TRS per tonne of sugar). | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | costPerTRS\*prodTRStoSugar | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/tonSugar | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: productionCostSugar | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: The sum of industrial and feedstock total costs in R$ per tonne of sugar. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | (industrialCostSugar+feedstockCostSugar) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/tonSugar | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: industrialCostSugar | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: The industrial cost is assumed to decrease with the accumulated production of sugar according to the experience curve model (Bake, 2009):  Cost = Cost(zero) \* sugarAccumulatedProduction ^b,  where Cost(zero) is the cost to produce the first tonne of sugar and b is the expericence index. The parameter values were found statistically based on historical data. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | inputIndustrialCostSugar//162037.0\*pow(scenarioProductivity=="fixed" ? 800569635.0 : sugarAccumulatedProduction,-.304) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/tonSugar | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: profitMarginSugar | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | zidz(priceSugar,productionCostSugar) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: priceSugar | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | (scenarioPriceSugar == "fixed" ? 1.1\*productionCostSugar : scenarioPriceSugar == "base" ? tfPriceSugar\_base(time()) : scenarioPriceSugar == "low" ? tfPriceSugar\_low(time()) : scenarioPriceSugar == "high" ? tfPriceSugar\_high(time()) : tfPriceSugar\_base(time()))\*(1+step(stepPriceSugar,startSchock)-step(stepPriceSugar,startSchock+durationSchock)) | | | | | | | | | |  | | |  |  |
|  | Color | | | | new Color(128, 0, 0, 109) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/tonSugar | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: expectedGainEthanol | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | smooth(xidz(profitMarginHydrousEquivalent,profitMarginSugar,9999.0),shortRunProfitExpAT) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: indicatedFractionTRSEthanol | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Indicates what the fraction of capacity use to ethanol should be based on the current gain (or extra benefit) from producing Ethanol as opposed to sugar. There are upper and lower limits (40 and 60%) as the mills cannot produce one or the other exclusively. The limits are given by the table function which also defines how the indicated value varies with the gain. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | min(maxFractionTRS,max(minFractionTRS,tfFractionTRStoEthanol(expectedGainEthanol)\*desiredFractionEthanol)) | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: changeFractionTRStoEthanol | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | (indicatedFractionTRSEthanol-fractionTRStoEthanol)/timeToChangeFractionTRS | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | 1/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: combinedProfit | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: The weighted average of sugar and ethanol profit margins with the current production fraction used as weight. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | profitMarginHydrousEquivalent\*fractionTRStoEthanol+profitMarginSugar\*(1-fractionTRStoEthanol) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: trendInProfit | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Trend perceived by the market for the change in price. This trend will be used by the market to form a price expectation for the long run, that is, the market forecasts the price in the long run based on the recent price and on the growth or decline trend. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | trend(combinedProfit,longRunProfitExpAT,0) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | 1/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: recentProfit | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | smooth(combinedProfit,longRunProfitExpAT) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: shortRunExpectedProfit | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | smooth(combinedProfit,shortRunProfitExpAT) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: desiredTRSProduction | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Desired volume of TRS to be produced in tonnes of TRS per month. The volume is pulled by the demands of both sugar and ethanol. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | desiredProduction\*prodTRStoHydrous+desiredProductionSugar\*pr | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  |  | | | | odTRStoSugar | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | tonTRS/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: desiredProduction | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Desired production rate considering the desired shipment (or the current observable demand) plus the necessary adjustments to the inventory. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | max(0,adjustInventoryEthanol+demandForecastEthanol) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | m3/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: desiredProductionSugar | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | smooth(demandSugar,demandPerceptionTime) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | tonSugar/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: demandSugar | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | scenarioDemand == "fixed" ? 2600000 : tfDemandSugar(time()) | | | | | | | | | |  | | |  |  |
|  | Color | | | | maroon | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | tonSugar/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: desiredSugarCaneYearlyProduction | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | monthPerYear\*desiredTRSProduction/sugarcaneProductivity | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ton/year | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: expectedProfitNewInv | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | recentProfit\*exp(trendInProfit) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: desiredMillCapacity | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Desired capital depends on the current capital and the long term expected profit for new investments. If the long run expected profit margin is bigger than 1 (total revenue higher than total costs), the desired capital is bigger than the current amount.  The desired amount grows with the expected profit in a non-linear relationship as defined by the function 'effExpectedProfitDesiredCapital' | | | | | | | | | | | | | | | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | millCapacity\*tfEffectExpectedProfitDesiredCapital(expectedProfitNewInv)\*(normalIdleness/idleness) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ton/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Stock: millCapacity | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Total production capacity of all available mills given in tonnes (of crushed sugarcane) per month. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Initial Value | | | | scenarioDemand == "fixed" ? 90000000 : 357110877.0/7 | | | | | | | | | |  | | |  |  |
|  | Expression | | | | acquisitionRate-discardRate | | | | | | | | | |  | | |  |  |
|  | Color | | | | lightPink | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ton/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: discardRate | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | millCapacity/avgLifeCapacity | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ton/time/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: avgLifeCapacity | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Capital depreciates according to an average life capacity. Normal life capacity is fixed, but if the expected profit is big the mills' lives are extended according to the function 'effExpectedProfitLifeCapacity' | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | normalLifeCapacity\*tfEffectExpectedProfitLifeCapacity(expectedProfitNewInv) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: gapCapacity | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | desiredMillCapacity-millCapacity | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ton/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: adjCapacity | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: When the desired capacity is different than the current amount an adjustment is made. This adjustment takes time though (represented by capacityAdjTime) as decision makers weigh all factors before deciding to invest and then they must wait for an environmental license. Also, the adjustment will only be made if the difference is bigger than a minimum size for a new plant (minOrder). | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | gapCapacity > 0 && gapCapacity < minOrder ? 0 : gapCapacity/capacityAT | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ton/time/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: desiredAcquisitionRate | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: The desired acquisition rate accounts for the capacity adjustment and the discard rate. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | adjCapacity+discardRate | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ton/time/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: indicatedOrders | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Sums the desired acquisitions and the adjustments to the supply line. If it is positive it will add to the order rate and to capacity on order. If it is negative it will add to the canceling rate and decrease the capacity on order. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | adjSupplyLine+desiredAcquisitionRate | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ton/time/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: indicatedCancels | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | indicatedOrders < 0 ? -indicatedOrders : 0 | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ton/time/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: cancellingRate | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | max(0,min(indicatedCancels,millCapacityOnOrder/cancellingAdjTime)) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ton/time/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: adjSupplyLine | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | (desiredSupplyLine-millCapacityOnOrder)/supplyLineAdjTime | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ton/time/time | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Auxiliary: desiredSupplyLine | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: The desired amount of 'capacity on order' considering the desired acquisition rate and the capacity acquisition delay. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | desiredAcquisitionRate\*capacityAcquisitionDelay | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ton/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Stock: millCapacityOnOrder | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: This is the amount of capital or total capacity (in tonnes per month) under way. It will eventually add to the mill capacity observing the capacity acquisition delay. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Initial Value | | | | millCapacity/normalLifeCapacity\*capacityAcquisitionDelay | | | | | | | | | |  | | |  |  |
|  | Expression | | | | orderRate-acquisitionRate-cancellingRate | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ton/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: acquisitionRate | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | min(smooth3(orderRate,capacityAcquisitionDelay),millCapacityOnOrder/capacityAcquisitionDelay) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ton/time/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: orderRate | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | max(indicatedOrders,0) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ton/time/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: schedulePressure | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Ratio between the amount being produced now and the desired amount. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | zidz(max(0,desiredSugarCaneYearlyProduction),sugarCaneYearlyProduction) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: effectSchedulePressureOnCapUtil | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | Formula | | | | pow(schedulePressure,sensitivityCapUtilToSP) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: indicatedCapacityUtilization | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: When the orders being put fall short relative to the desired amount, schedule pressure grows prompting the industry to start producing more. Also, when the expected markup for ethanol grows, the industry has an incentive to produce more. Both these effects change the indicated capacity utilization. The actuall utilization will chase this indicated value after an adjustment time. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | max(0,min(1,effectExpMarkupOnCapUtil\*effectSchedulePressureOnCapUtil)) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: capacityUtilization | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: When the orders being put fall short relative to the desired amount, schedule pressure grows prompting the industry to start producing more. Also, when the expected markup grows, the industry has an incentive to produce more. Both these effects change the indicated capacity utilization. The actuall utilization will chase the indicated value after an adjustment time. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | smooth(indicatedCapacityUtilization,utilizationAT,iniCapacityUtilization) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: effectExpMarkupOnCapUtil | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | pow(tfCapacityUtilizationFromMarkup(expectedMarkup),sensitivityCapUtilToMarkup) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: expectedMarkup | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | shortRunExpectedProfit/fractionCostVariable | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: hydrousProduction | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | productionRate | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | m3/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: sugarProduction | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | Formula | | | | (1-fractionTRStoEthanol)\*TRSmonthlyProduction/prodTRStoSugar | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | tonSugar/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: demandForecastEthanol | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | smooth(totalDemandEthanol,demandPerceptionTime)\*exp(trend(totalDemandEthanol,demandPerceptionTime,0)) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | m3/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: netExportsEthanol | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | (scenarioExports == "fixed" ? 155195 : scenarioExports == "base" ? tfNetExports\_base(time()) : scenarioExports == "lowGrowth" ? tfNetExports\_lowGrowth(time()) : scenarioExports == "highGrowth" ? tfNetExports\_highGrowth(time()) : tfNetExports\_base(time()))\*(1+step(stepExports,startSchock)-step(stepExports,startSchock+durationSchock)) | | | | | | | | | |  | | |  |  |
|  | Color | | | | new Color(128, 0, 0, 109) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | m3/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: desiredShipHydrousEquivalent | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | desiredShipmentAnhydrous/(1-lossRate) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | m3/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: weightFactorAnhydrous | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | desiredShipHydrousEquivalent/totalDemandEthanol | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: idleness | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | smooth(1-sugarCaneMonthlyProduction/millCapacity,24,normalIdleness) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Stock: priceHydrousRetail | | | | | | | | | | | | | | | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Description: The retail price will follow the wholesale price with a delay. The indicated value is the price times an average markup. The delay depends on whether the price is increasing or decreasing. If it is increasing (indicated price is bigger than current price) the time is smaller, that is, the price adjusts faster. A decrease in price will take longer to propagate as retailers wait until someone decreases the price and all others follow. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Initial Value | | | | (scenarioDemand == "fixed" ? .887 : iniPriceEthanol)\*hydrousAvgRetailMarkup | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/litre | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: changeHydrousRetailPrice | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | (hydrousIndicatedRetailPrice-priceHydrousRetail)/retailPriceAT | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/litre/time | | | | | | | | | |  | | |  |  |
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|  | Auxiliary: retailPriceAT | | | | | | | | | | | | | | | | |  |  |
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|  | Description: The retail price adjustment time depends on whether the price is increasing or decreasing. If it is increasing (indicated price is bigger than current price) the time is smaller, that is, the price adjusts faster. A decrease in price will take longer to propagate as retailers wait until someone decreases the price and all others follow. | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | (hydrousIndicatedRetailPrice > priceHydrousRetail ? 1 : 3)\*retailPriceNormalAT | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: priceAnhydrousRetail | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | priceHydrousRetail\*averageAnhydrousMarkup | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/litre | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: effectSPOnDesiredCrop | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | pow(schedulePressure,sensitivityDesiredCropToSP) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: priceGasolineA | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | (scenarioPriceGasoline == "fixed" ? 2.38 : scenarioPriceGasoline == "base" ? tfPriceGasolineA\_base(time()) : scenarioPriceGasoline == "low" ? tfPriceGasolineA\_low(time()) : scenarioPriceGasoline == "high" ? tfPriceGasolineA\_high(time()) : tfPriceGasolineA\_base(time()))\*(1+step(stepPriceGasolineA,startSchock)-step | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  |  | | | | (stepPriceGasolineA,startSchock+durationSchock)) | | | | | | | | | |  | | |  |  |
|  | Color | | | | new Color(128, 0, 0, 109) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/litre | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: newLand | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | degradingRate | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: desiredFractionEthanol | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | desiredProduction\*prodTRStoHydrous/desiredTRSProduction | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Auxiliary: ethanolSubsidies | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | scenarioProductivity=="fixed" ? 0.0 : time() <= lastMonthHistory ? tfEthanolSubsidies(time()) : ethanolSubsidiesInput | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: changeTradersExpPrice | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | (indicatedPrice-tradersExpectedPrice)/tradersExpectedPriceAdjTime | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/litre/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: productionRate | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: Flow of ethanol being produced (in thousand cubic meters per month) that will add to the inventory of finished products. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | max(0,fractionTRStoEthanol\*TRSmonthlyProduction/prodTRStoHydrous) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | m3/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: shipmentRateEthanol | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Description: The shipment rate is equal to the desired shipment rate when there is enough product in inventory. When the inventory falls it gets harder and harder to ship everything that was ordered. Normally this relationship is non-linear. The non-linearity is given by the table function 'orderFullfilmentRatio'. | | | | | | | | | | | | | | | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | totalDemandEthanol\*tfOrderFulfillmentRatio(maxShipRateHydrous/totalDemandEthanol) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | m3/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: acquisitionRate | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | min(smooth3(orderRate,capacityAcquisitionDelay),millCapacityOnOrder/capacityAcquisitionDelay) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ton/time/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: discardRate | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | millCapacity/avgLifeCapacity | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ton/time/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: orderRate | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | max(indicatedOrders,0) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ton/time/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: cancellingRate | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | max(0,min(indicatedCancels,millCapacityOnOrder/cancellingAdjTime)) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ton/time/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: growthRate | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | delay(plantingRate,timeToGrow,degradingRate) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha/time | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Flow: renovationRate | | | | | | | | | | | | | | | | |  |  |
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|  | Description: Sugarcane can be harvested several times before it has to be planted again. On average the replanting takes place every 6 years in Brazil | | | | | | | | | | | | | | | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | (Andrade, 2012). | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | desiredRenovation\*fractionRenovated | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha/time | | | | | | | | | |  | | |  |  |
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|  | Flow: plantingRate | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | min(max(0,gapCrop/timeToPlant),availableLand/timeToPlant)\*tfPlantingSeazonality(currentMonth) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha/time | | | | | | | | | |  | | |  |  |
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|  | Flow: scrapRateGasoline | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | min(fleetGasoline/avgLifeVehicle,smooth3(smooth3(addRateGasoline,avgLifeVehicle/2.0,1000000.0/12),avgLifeVehicle/2.0))//equivalent to a 6th order delay with the average life | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | vehicles/time | | | | | | | | | |  | | |  |  |
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|  | Flow: addRateGasoline | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | totalAddRate\*shareOfGasolineInSales | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | vehicles/time | | | | | | | | | |  | | |  |  |
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|  | Flow: addRateFlex | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | totalAddRate-addRateGasoline | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | vehicles/time | | | | | | | | | |  | | |  |  |
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|  | Flow: scrapRateFlex | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | min(fleetFlex/avgLifeVehicle,smooth3(smooth3(addRateFlex,avgLifeVehicle/2.0,.0),avgLifeVehicle/2.0))//equivalent to a 6th order delay with the average life | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | vehicles/time | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Flow: scrapRateEthanol | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | fleetEthanol/remainingLifeEthanol | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | vehicles/time | | | | | | | | | |  | | |  |  |
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|  | Flow: netChangePopulation | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | population\*log(1+monthlyChangePop)//log (natural) converts the compound growth rate to a continuous rate | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | people/time | | | | | | | | | |  | | |  |  |
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|  | Flow: changeEffGasoline | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | scenarioDemand == "fixed" ? 0 : (maxEfficiencyGasoline-efficiencyGasoline)/timeToChangeEfficiency | | | | | | | | | |  | | |  |  |
|  | Color | | | | new Color(128, 0, 0, 109) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | Km/litre/time | | | | | | | | | |  | | |  |  |
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|  | Flow: changeEffEthanol | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | scenarioDemand == "fixed" ? 0 : (maxEfficiencyEthanol-efficiencyEthanol)/timeToChangeEfficiency | | | | | | | | | |  | | |  |  |
|  | Color | | | | new Color(128, 0, 0, 109) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | Km/litre/time | | | | | | | | | |  | | |  |  |
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|  | Flow: changePreference | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | (indicatedPreferenceEthanol-preferenceEthanol)/timeToChangePreference | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | 1/time | | | | | | | | | |  | | |  |  |
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|  | Flow: sugarCaneMonthlyProduction | | | | | | | | | | | | | | | | |  |  |
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|  | Description: Production is seasonal so the yearly production is multiplied by a table with the monthly distribution of production. | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | min(sugarCaneYearlyProduction\*(noSeasonality == "true" ? 1.0/12 | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  |  | | | | : tfHarvestSeazonality(currentMonth)),millCapacity) | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ton/time | | | | | | | | | |  | | |  |  |
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|  | Flow: TRSmonthlyProduction | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | sugarCaneMonthlyProduction\*sugarcaneProductivity | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | tonTRS/time | | | | | | | | | |  | | |  |  |
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|  | Flow: aging1 | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | crop1stHarvest/oneYear | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha/time | | | | | | | | | |  | | |  |  |
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|  | Flow: aging2 | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | crop2ndHarvest/oneYear | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha/time | | | | | | | | | |  | | |  |  |
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|  | Flow: aging3 | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | crop3rdHarvest/oneYear | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha/time | | | | | | | | | |  | | |  |  |
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|  | Flow: aging4 | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | crop4thHarvest/oneYear | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha/time | | | | | | | | | |  | | |  |  |
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|  | Flow: aging5 | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | crop5thHarvest/oneYear | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha/time | | | | | | | | | |  | | |  |  |
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|  | Flow: degradingRate | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | cropOlder/timeToDegrade | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha/time | | | | | | | | | |  | | |  |  |
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|  | Flow: changeFractionTRStoEthanol | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | (indicatedFractionTRSEthanol-fractionTRStoEthanol)/timeToChangeFractionTRS | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | 1/time | | | | | | | | | |  | | |  |  |
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|  | Flow: changeHydrousRetailPrice | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | (hydrousIndicatedRetailPrice-priceHydrousRetail)/retailPriceAT | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | real/litre/time | | | | | | | | | |  | | |  |  |
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|  | Flow: newLand | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | degradingRate | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | ha/time | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Stock: hydrousAccumulatedProduction | | | | | | | | | | | | | | | | |  |  |
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|  | Description: The initial value is estimated from the initial accumulated volume of TRS times 30% (as sugar was produced for a long time before ethanol) and accounting for the conversion factor of tonnes of TRS per cubic meters of ethanol. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  | | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Initial Value | | | | 158817372 | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | m3 | | | | | | | | | |  | | |  |  |
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|  | Flow: hydrousProduction | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | productionRate | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | m3/time | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Stock: sugarAccumulatedProduction | | | | | | | | | | | | | | | | |  |  |
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|  | Description: The initial value is estimated from the initial accumulated volume of TRS times 70% (as sugar was produced for a long time before ethanol) and accounting for the conversion factor of tonnes of TRS per tonnes of sugar. | | | | | | | | | | | | | | | | |  |  |
|  |  | | | |  |  |  | | |  | |  | | |  | | |  |  |
|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Initial Value | | | | 614569635 | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | tonsugar | | | | | | | | | |  | | |  |  |
|  |  | | | |  |  |  | | |  | |  | | |  | | |  |  |
|  | Flow: sugarProduction | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | (1-fractionTRStoEthanol)\*TRSmonthlyProduction/prodTRStoSugar | | | | | | | | | |  | | |  |  |
|  | Use Units | | | | true | | | | | | | | | |  | | |  |  |
|  | Unit | | | | tonSugar/time | | | | | | | | | |  | | |  |  |
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|  | Auxiliary: currentYear | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Formula | | | | 2003+time()/12 | | | | | | | | | |  | | |  |  |
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|  | Time Plot: plotEffectWeather | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Time Window | | | | numberPeriods | | | | | | | | | |  | | |  |  |
|  | Vertical Scale | | | | AUTO | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 1200 | | | | | | | | | |  | | |  |  |
|  | Advanced | | | | | | | | | | | | | |  | | |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  |  |  |  |  |
|  | Width | | | | 240 | | | | | | | | | |  |  |  |  |  |
|  | Height | | | | 190 | | | | | | | | | |  |  |  |  |  |
|  | Appearance | | | | | | | | | | | | | |  |  |  |  |  |
|  | Show Legend | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Legend Place | | | | SOUTH | | | | | | | | | |  |  |  |  |  |
|  | Label Format | | | | MODEL\_TIME\_UNITS | | | | | | | | | |  |  |  |  |  |
|  | Plot Items: | | | | | | | | | | | | | | | | | |  |
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|  | Title | Type | | Dataset / Value | | | | | Point Style | | Color | | | Line | Width | Interpolation |  |  |  |
|  | effectWeatherInProductivity | value | |  | | | | | NONE | | chocolate | | | true | 1 | LINEAR |  |  |  |
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|  | Time Plot: plotCapacityFlows | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  |  |  |  |  |
|  | General | | | | | | | | | | | | | |  |  |  |  |  |
|  | Time Window | | | | numberPeriods | | | | | | | | | |  |  |  |  |  |
|  | Vertical Scale | | | | AUTO | | | | | | | | | |  |  |  |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Recurrence | | | | .5 | | | | | | | | | |  |  |  |  |  |
|  | Dataset Samples To Keep | | | | 1200 | | | | | | | | | |  |  |  |  |  |
|  | Advanced | | | | | | | | | | | | | |  |  |  |  |  |
|  | x | | | | 2359 | | | | | | | | | |  |  |  |  |  |
|  | y | | | | 1080 | | | | | | | | | |  |  |  |  |  |
|  | Width | | | | 521 | | | | | | | | | |  |  |  |  |  |
|  | Height | | | | 301 | | | | | | | | | |  |  |  |  |  |
|  | Appearance | | | | | | | | | | | | | |  |  |  |  |  |
|  | Show Legend | | | | true | | | | | | | | | |  |  |  |  |  |
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|  | Label Format | | | | MODEL\_TIME\_UNITS | | | | | | | | | |  |  |  |  |  |
|  | Plot Items: | | | | | | | | | | | | | | | | | |  |
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|  | Title | Type | | Dataset / Value | | | | | Point Style | | Color | | | Line | Width | Interpolation |  |  |  |
|  | orderRate | value | |  | | | | | NONE | | blue | | | true | 1 | LINEAR |  |  |  |
|  | acquisitionRate | value | |  | | | | | NONE | | magenta | | | true | 1 | LINEAR |  |  |  |
|  | discardRate | value | |  | | | | | NONE | | limeGreen | | | true | 1 | LINEAR |  |  |  |
|  | cancellingRate | value | |  | | | | | NONE | | orange | | | true | 1 | LINEAR |  |  |  |
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|  | Time Plot: plotCropsFlows | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  |  |  |  |  |
|  | General | | | | | | | | | | | | | |  |  |  |  |  |
|  | Time Window | | | | numberPeriods | | | | | | | | | |  |  |  |  |  |
|  | Vertical Scale | | | | AUTO | | | | | | | | | |  |  |  |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  |  |  |  |  |
|  | Dataset Samples To Keep | | | | 1200 | | | | | | | | | |  |  |  |  |  |
|  | Advanced | | | | | | | | | | | | | |  |  |  |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  |  |  |  |  |
|  | Width | | | | 520 | | | | | | | | | |  |  |  |  |  |
|  | Height | | | | 303 | | | | | | | | | |  |  |  |  |  |
|  | Appearance | | | | | | | | | | | | | |  |  |  |  |  |
|  | Show Legend | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Legend Place | | | | SOUTH | | | | | | | | | |  |  |  |  |  |
|  | Label Format | | | | MODEL\_TIME\_UNITS | | | | | | | | | |  |  |  |  |  |
|  | Plot Items: | | | | | | | | | | | | | | | | | |  |
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|  | Title | Type | | Dataset / Value | | | | | Point Style | | Color | | | Line | Width | Interpolation |  |  |  |
|  | desiredRenovation (ha/month) | value | |  | | | | | NONE | | blue | | | true | 1 | LINEAR |  |  |  |
|  | renovationRate | value | |  | | | | | NONE | | magenta | | | true | 1 | LINEAR |  |  |  |
|  | plantingRate | value | |  | | | | | NONE | | oliveDrab | | | true | 1 | LINEAR |  |  |  |
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|  | Data Set: ds\_priceEthanolHydrousEquivalent | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  |  |  |  |  |
|  | General | | | | | | | | | | | | | |  |  |  |  |  |
|  | Show At Runtime | | | | false | | | | | | | | | |  |  |  |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  |  |  |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  |  |  |  |  |
|  | Axis Data Vertical Y Axis | | | | priceEthanolHydrousEquivalent | | | | | | | | | |  |  |  |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  |  |  |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  |  |  |  |  |
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|  | Data Set: ds\_expectedProductionCostHydrous | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  |  |  |  |  |
|  | General | | | | | | | | | | | | | |  |  |  |  |  |
|  | Show At Runtime | | | | false | | | | | | | | | |  |  |  |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  |  |  |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  |  |  |  |  |
|  | Axis Data Vertical Y Axis | | | | expectedProductionCostHydrous | | | | | | | | | |  |  |  |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  |  |  |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  |  |  |  |  |
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|  | Data Set: ds\_inventoryEthanol | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  |  |  |  |  |
|  | General | | | | | | | | | | | | | |  |  |  |  |  |
|  | Show At Runtime | | | | false | | | | | | | | | |  |  |  |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  |  |  |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  |  |  |  |  |
|  | Axis Data Vertical Y Axis | | | | inventoryEthanol | | | | | | | | | |  |  |  |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  |  |  |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  |  |  |  |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Data Set: ds\_perceivedRatioInvCoverage | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | perceivedRatioInvCoverage | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_desiredInventoryEthanol | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
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|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | desiredInventoryEthanol | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_millCapacity | | | | | | | | | | | | | | | | |  |  |
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|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | millCapacity | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_sugarCaneMonthlyProduction | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | sugarCaneMonthlyProduction | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_priceGasolinePerKm | | | | | | | | | | | | | | | | |  |  |
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|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | priceGasolinePerKm | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_priceHydrousPerKm | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | priceHydrousPerKm | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_preferenceEthanol | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | preferenceEthanol | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_invCoverageEthanol | | | | | | | | | | | | | | | | |  |  |
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|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | invCoverageEthanol | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_referenceInvCoverage | | | | | | | | | | | | | | | | |  |  |
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|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | referenceInvCoverage | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_desiredShipmentAnhydrous | | | | | | | | | | | | | | | | |  |  |
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|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | desiredShipmentAnhydrous | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_desiredShipmentHydrous | | | | | | | | | | | | | | | | |  |  |
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|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
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|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | desiredShipmentHydrous | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_netExportsEthanol | | | | | | | | | | | | | | | | |  |  |
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|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | netExportsEthanol | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_productionRate | | | | | | | | | | | | | | | | |  |  |
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|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
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|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | productionRate | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_desiredProduction | | | | | | | | | | | | | | | | |  |  |
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|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | desiredProduction | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_totalDemandEthanol | | | | | | | | | | | | | | | | |  |  |
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|  | Axis Data Vertical Y Axis | | | | totalDemandEthanol | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_shipmentRateEthanol | | | | | | | | | | | | | | | | |  |  |
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|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | shipmentRateEthanol | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_demandForecastEthanol | | | | | | | | | | | | | | | | |  |  |
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|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
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|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | demandForecastEthanol | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_profitMarginSugar | | | | | | | | | | | | | | | | |  |  |
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|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | profitMarginSugar | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_profitMarginHydrousEquivalent | | | | | | | | | | | | | | | | |  |  |
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|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | profitMarginHydrousEquivalent | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_expectedProfitNewInv | | | | | | | | | | | | | | | | |  |  |
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|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
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|  | Axis Data Vertical Y Axis | | | | expectedProfitNewInv | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_capacityUtilization | | | | | | | | | | | | | | | | |  |  |
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|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
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|  | Axis Data Vertical Y Axis | | | | capacityUtilization | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_effectSchedulePressureOnCapUtil | | | | | | | | | | | | | | | | |  |  |
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|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
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|  | Axis Data Vertical Y Axis | | | | effectSchedulePressureOnCapUtil | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_effectExpMarkupOnCapUtil | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | effectExpMarkupOnCapUtil | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_landProductivity | | | | | | | | | | | | | | | | |  |  |
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|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | landProductivity | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_sugarcaneProductivity | | | | | | | | | | | | | | | | |  |  |
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|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
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|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_crop1stHarvest | | | | | | | | | | | | | | | | |  |  |
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|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
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|  | Axis Data Vertical Y Axis | | | | crop1stHarvest | | | | | | | | | |  | | |  |  |
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|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_crop2ndHarvest | | | | | | | | | | | | | | | | |  |  |
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|  | Data Set: ds\_crop3rdHarvest | | | | | | | | | | | | | | | | |  |  |
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|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
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|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_crop4thHarvest | | | | | | | | | | | | | | | | |  |  |
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|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | crop5thHarvest | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
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|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_fractionTRStoEthanol | | | | | | | | | | | | | | | | |  |  |
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|  | Axis Data Vertical Y Axis | | | | fractionTRStoEthanol | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_desiredRenovation | | | | | | | | | | | | | | | | |  |  |
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|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | desiredRenovation | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
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|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_renovationRate | | | | | | | | | | | | | | | | |  |  |
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|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
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|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_effectAgeInProductivity | | | | | | | | | | | | | | | | |  |  |
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|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_effectWeatherInProductivity | | | | | | | | | | | | | | | | |  |  |
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|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | 1-effectWeatherInProductivity | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_totalCrop | | | | | | | | | | | | | | | | |  |  |
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|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
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|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_priceGasolineA | | | | | | | | | | | | | | | | |  |  |
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|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
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|  | Axis Data Vertical Y Axis | | | | priceGasolineA | | | | | | | | | |  | | |  |  |
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|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_priceSugar | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | priceSugar | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_GDPperCapita | | | | | | | | | | | | | | | | |  |  |
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|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | GDPperCapita | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_fleetEthanol | | | | | | | | | | | | | | | | |  |  |
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|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | fleetEthanol | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_fleetGasoline | | | | | | | | | | | | | | | | |  |  |
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|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | fleetGasoline | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_fleetFlex | | | | | | | | | | | | | | | | |  |  |
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|  | Data Set: ds\_demandSugar | | | | | | | | | | | | | | | | |  |  |
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|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
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|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_sugarProduction | | | | | | | | | | | | | | | | |  |  |
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|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
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|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_productionCostSugar | | | | | | | | | | | | | | | | |  |  |
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|  | Data Set: ds\_fractionAnhydrous | | | | | | | | | | | | | | | | |  |  |
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|  | Data Set: ds\_ethanolSubsidies | | | | | | | | | | | | | | | | |  |  |
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|  | Show At Runtime | | | | false | | | | | | | | | |  | | |  |  |
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|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
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|  | Data Set: ds\_combinedProfit | | | | | | | | | | | | | | | | |  |  |
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|  | Axis Data Freeze X Axis | | | | false | | | | | | | | | |  | | |  |  |
|  | Axis Data Horizontal X Axis | | | | currentYear | | | | | | | | | |  | | |  |  |
|  | Axis Data Vertical Y Axis | | | | combinedProfit | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 2000 | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  | | |  |  |
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|  | Text: text1 | | | | | | | | | | | | | | | | |  |  |
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|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Alignment | | | | LEFT | | | | | | | | | |  | | |  |  |
|  | Font Name | | | | SansSerif | | | | | | | | | |  | | |  |  |
|  | Font Size | | | | 12 | | | | | | | | | |  | | |  |  |
|  | Bold Font Style | | | | true | | | | | | | | | |  | | |  |  |
|  | Text | | | | Fraction Anhydrous in Gasoline: | | | | | | | | | |  | | |  |  |
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|  | Alignment | | | | LEFT | | | | | | | | | |  | | |  |  |
|  | Font Name | | | | SansSerif | | | | | | | | | |  | | |  |  |
|  | Font Size | | | | 10 | | | | | | | | | |  | | |  |  |
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|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Alignment | | | | RIGHT | | | | | | | | | |  | | |  |  |
|  | Font Name | | | | SansSerif | | | | | | | | | |  | | |  |  |
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|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Alignment | | | | CENTER | | | | | | | | | |  | | |  |  |
|  | Font Name | | | | SansSerif | | | | | | | | | |  | | |  |  |
|  | Font Size | | | | 10 | | | | | | | | | |  | | |  |  |
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|  | Alignment | | | | LEFT | | | | | | | | | |  | | |  |  |
|  | Font Name | | | | SansSerif | | | | | | | | | |  | | |  |  |
|  | Font Size | | | | 12 | | | | | | | | | |  | | |  |  |
|  | Bold Font Style | | | | true | | | | | | | | | |  | | |  |  |
|  | Text | | | | Subsidies to Ethanol (%cost): | | | | | | | | | |  | | |  |  |
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|  | Bold Font Style | | | | true | | | | | | | | | |  | | |  |  |
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|  | Alignment | | | | LEFT | | | | | | | | | |  | | |  |  |
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|  | Font Size | | | | 16 | | | | | | | | | |  | | |  |  |
|  | Bold Font Style | | | | true | | | | | | | | | |  | | |  |  |
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|  | Width | | | | 470 | | | | | | | | | |  |  |  |  |  |
|  | Height | | | | 280 | | | | | | | | | |  |  |  |  |  |
|  | Appearance | | | | | | | | | | | | | |  |  |  |  |  |
|  | Show Legend | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Legend Place | | | | SOUTH | | | | | | | | | |  |  |  |  |  |
|  | Label Format | | | | MODEL\_TIME\_UNITS | | | | | | | | | |  |  |  |  |  |
|  | Plot Items: | | | | | | | | | | | | | | | | | |  |
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|  | Title | Type | | Dataset / Value | | | | | Point Style | | Color | | | Line | Width | Interpolation |  |  |  |
|  | wholesale price hydrous (R$/litre) | value | |  | | | | | CIRCLE | | blue | | | true | 1 | LINEAR |  |  |  |
|  | expectedProductionCost | value | |  | | | | | NONE | | magenta | | | true | 1 | LINEAR |  |  |  |
|  | tradersExpectedPrice | value | |  | | | | | NONE | | orange | | | true | 1 | LINEAR |  |  |  |
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|  | Time Plot: plotInvCoverage | | | | | | | | | | | | | | | | |  |  |
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|  | General | | | | | | | | | | | | | |  |  |  |  |  |
|  | Time Window | | | | numberPeriods | | | | | | | | | |  |  |  |  |  |
|  | Vertical Scale | | | | AUTO | | | | | | | | | |  |  |  |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Recurrence | | | | .5 | | | | | | | | | |  |  |  |  |  |
|  | Dataset Samples To Keep | | | | 1200 | | | | | | | | | |  |  |  |  |  |
|  | Advanced | | | | | | | | | | | | | |  |  |  |  |  |
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|  | Width | | | | 511 | | | | | | | | | |  |  |  |  |  |
|  | Height | | | | 280 | | | | | | | | | |  |  |  |  |  |
|  | Appearance | | | | | | | | | | | | | |  |  |  |  |  |
|  | Show Legend | | | | true | | | | | | | | | |  |  |  |  |  |
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|  | Label Format | | | | MODEL\_TIME\_UNITS | | | | | | | | | |  |  |  |  |  |
|  | Plot Items: | | | | | | | | | | | | | | | | | |  |
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|  | Title | Type | | Dataset / Value | | | | | Point Style | | Color | | | Line | Width | Interpolation |  |  |  |
|  | avgExpectedInvCoverage | value | |  | | | | | NONE | | blue | | | true | 1 | LINEAR |  |  |  |
|  | invCoverageEthanol | value | |  | | | | | NONE | | gold | | | true | 1 | LINEAR |  |  |  |
|  | referenceInvCoverage | value | |  | | | | | NONE | | yellowGreen | | | true | 1 | LINEAR |  |  |  |
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|  | Time Plot: plotPreference | | | | | | | | | | | | | | | | |  |  |
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|  | Time Window | | | | numberPeriods | | | | | | | | | |  |  |  |  |  |
|  | Vertical Scale | | | | FIXED | | | | | | | | | |  |  |  |  |  |
|  | Chart Vertical Scale: From | | | | 0 | | | | | | | | | |  |  |  |  |  |
|  | Chart Vertical Scale: To | | | | 1 | | | | | | | | | |  |  |  |  |  |
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|  | Analysis Auto Update | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Recurrence | | | | .5 | | | | | | | | | |  |  |  |  |  |
|  | Dataset Samples To Keep | | | | 1200 | | | | | | | | | |  |  |  |  |  |
|  | Advanced | | | | | | | | | | | | | |  |  |  |  |  |
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|  | Show Legend | | | | false | | | | | | | | | |  |  |  |  |  |
|  | Labels Vertical Position | | | | OPPOSITE | | | | | | | | | |  |  |  |  |  |
|  | Label Format | | | | MODEL\_TIME\_UNITS | | | | | | | | | |  |  |  |  |  |
|  | Plot Items: | | | | | | | | | | | | | | | | | |  |
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|  | Title | Type | | Dataset / Value | | | | | Point Style | | Color | | | Line | Width | Interpolation |  |  |  |
|  | preferenceEth | value | |  | | | | | CIRCLE | | orange | | | true | 1 | LINEAR |  |  |  |
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|  | Time Plot: plotDemand | | | | | | | | | | | | | | | | |  |  |
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|  | Vertical Scale | | | | AUTO | | | | | | | | | |  |  |  |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  |  |  |  |  |
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|  | Show Legend | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Legend Place | | | | SOUTH | | | | | | | | | |  |  |  |  |  |
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|  | desiredShipmentAnhydrous | value | |  | | | | | NONE | | blue | | | true | 1 | LINEAR |  |  |  |
|  | desiredShipmentHydrous | value | |  | | | | | NONE | | deepSkyBlue | | | true | 1 | LINEAR |  |  |  |
|  | netExportsEthanol | value | |  | | | | | NONE | | crimson | | | true | 1 | LINEAR |  |  |  |
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|  | Time Plot: plotPricePerKm | | | | | | | | | | | | | | | | |  |  |
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|  | Time Window | | | | numberPeriods | | | | | | | | | |  |  |  |  |  |
|  | Vertical Scale | | | | FIXED | | | | | | | | | |  |  |  |  |  |
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|  | Chart Vertical Scale: From | | | | 0 | | | | | | | | | |  |  |  |  |  |
|  | Chart Vertical Scale: To | | | | .5 | | | | | | | | | |  |  |  |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Recurrence | | | | .5 | | | | | | | | | |  |  |  |  |  |
|  | Dataset Samples To Keep | | | | 1200 | | | | | | | | | |  |  |  |  |  |
|  | Advanced | | | | | | | | | | | | | |  |  |  |  |  |
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|  | Show Legend | | | | true | | | | | | | | | |  |  |  |  |  |
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|  | Label Format | | | | MODEL\_TIME\_UNITS | | | | | | | | | |  |  |  |  |  |
|  | Plot Items: | | | | | | | | | | | | | | | | | |  |
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|  | Title | Type | | Dataset / Value | | | | | Point Style | | Color | | | Line | Width | Interpolation |  |  |  |
|  | priceGasolinePerKm | value | |  | | | | | NONE | | blue | | | true | 1 | LINEAR |  |  |  |
|  | priceHydrousPerKm | value | |  | | | | | NONE | | magenta | | | true | 1 | LINEAR |  |  |  |
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|  | Group: groupLegendPref | | | | | | | | | | | | | | | | |  |  |
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|  | Advanced | | | | | | | | | | | | | |  |  |  |  |  |
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|  | Line Color | | | | orange | | | | | | | | | |  |  |  |  |  |
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|  | Fill Color | | | | orange | | | | | | | | | |  | | |  |  |
|  | Line Color | | | | orange | | | | | | | | | |  | | |  |  |
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|  | Group: group\_production | | | | | | | | | | | | | | | | |  |  |
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|  | Vertical Scale | | | | AUTO | | | | | | | | | |  | | |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  | | |  |  |
|  | Recurrence | | | | .5 | | | | | | | | | |  | | |  |  |
|  | Dataset Samples To Keep | | | | 1200 | | | | | | | | | |  | | |  |  |
|  | Advanced | | | | | | | | | | | | | |  | | |  |  |
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|  | Height | | | | 301 | | | | | | | | | |  | | |  |  |
|  | Appearance | | | | | | | | | | | | | |  | | |  |  |
|  | Show Legend | | | | true | | | | | | | | | |  | | |  |  |
|  | Legend Place | | | | SOUTH | | | | | | | | | |  | | |  |  |
|  | Label Format | | | | MODEL\_TIME\_UNITS | | | | | | | | | |  | | |  |  |
|  | Plot Items: | | | | | | | | | | | | | | | | | |  |
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|  | Title | Type | | Dataset / Value | | | | | Point Style | | Color | | | Line | Width | Interpolation |  |  |  |
|  | totalDemandEthanol | value | |  | | | | | NONE | | blue | | | true | 1 | LINEAR |  |  |  |
|  | shipmentRateEthanol | value | |  | | | | | NONE | | deepSkyBlue | | | true | 1 | LINEAR |  |  |  |
|  | productionRate | value | |  | | | | | NONE | | crimson | | | true | 1 | LINEAR |  |  |  |
|  | desiredProduction | value | |  | | | | | NONE | | gold | | | true | 1 | LINEAR |  |  |  |
|  | demandForecast | value | |  | | | | | NONE | | yellowGreen | | | true | 1 | LINEAR |  |  |  |
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|  | Time Plot: plotInventory | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  |  |  |  |  |
|  | General | | | | | | | | | | | | | |  |  |  |  |  |
|  | Time Window | | | | numberPeriods | | | | | | | | | |  |  |  |  |  |
|  | Vertical Scale | | | | AUTO | | | | | | | | | |  |  |  |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Recurrence | | | | .5 | | | | | | | | | |  |  |  |  |  |
|  | Dataset Samples To Keep | | | | 1200 | | | | | | | | | |  |  |  |  |  |
|  | Advanced | | | | | | | | | | | | | |  |  |  |  |  |
|  | x | | | | -519 | | | | | | | | | |  |  |  |  |  |
|  | y | | | | -301 | | | | | | | | | |  |  |  |  |  |
|  | Width | | | | 501 | | | | | | | | | |  |  |  |  |  |
|  | Height | | | | 301 | | | | | | | | | |  |  |  |  |  |
|  | Appearance | | | | | | | | | | | | | |  |  |  |  |  |
|  | Show Legend | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Legend Place | | | | SOUTH | | | | | | | | | |  |  |  |  |  |
|  | Label Format | | | | MODEL\_TIME\_UNITS | | | | | | | | | |  |  |  |  |  |
|  | Plot Items: | | | | | | | | | | | | | | | | | |  |
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|  | Title | Type | | Dataset / Value | | | | | Point Style | | Color | | | Line | Width | Interpolation |  |  |  |
|  | inventoryEthanol | value | |  | | | | | NONE | | blue | | | true | 1 | LINEAR |  |  |  |
|  | desiredInventory | value | |  | | | | | NONE | | magenta | | | true | 1 | LINEAR |  |  |  |
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|  | Time Plot: plotLandProd | | | | | | | | | | | | | | | | |  |  |
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|  | Label Format | | | | MODEL\_TIME\_UNITS | | | | | | | | | |  |  |  |  |  |
|  | Plot Items: | | | | | | | | | | | | | | | | | |  |
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|  | Title | Type | | Dataset / Value | | | | | Point Style | | Color | | | Line | Width | Interpolation |  |  |  |
|  | landProductivity (tonne/ha, left scale) | value | |  | | | | | CIRCLE | | blue | | | true | 1 | LINEAR |  |  |  |
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|  | Time Plot: plotSCProd | | | | | | | | | | | | | | | | |  |  |
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|  | General | | | | | | | | | | | | | |  |  |  |  |  |
|  | Time Window | | | | numberPeriods | | | | | | | | | |  |  |  |  |  |
|  | Vertical Scale | | | | AUTO | | | | | | | | | |  |  |  |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Recurrence | | | | .5 | | | | | | | | | |  |  |  |  |  |
|  | Dataset Samples To Keep | | | | 1200 | | | | | | | | | |  |  |  |  |  |
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|  | Width | | | | 521 | | | | | | | | | |  |  |  |  |  |
|  | Height | | | | 280 | | | | | | | | | |  |  |  |  |  |
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|  | Show Legend | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Legend Place | | | | NORTH | | | | | | | | | |  |  |  |  |  |
|  | Labels Horizontal Position | | | | NONE | | | | | | | | | |  |  |  |  |  |
|  | Labels Vertical Position | | | | OPPOSITE | | | | | | | | | |  |  |  |  |  |
|  | Label Format | | | | MODEL\_TIME\_UNITS | | | | | | | | | |  |  |  |  |  |
|  | Plot Items: | | | | | | | | | | | | | | | | | |  |
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|  | Title | Type | | Dataset / Value | | | | | Point Style | | Color | | | Line | Width | Interpolation |  |  |  |
|  | sugarcaneProductivity (tonne TRS / tonne SC, right) | value | |  | | | | | NONE | | magenta | | | true | 1 | LINEAR |  |  |  |
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|  | Time Plot: plotEffectsProduct | | | | | | | | | | | | | | | | |  |  |
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|  | Time Window | | | | numberPeriods | | | | | | | | | |  |  |  |  |  |
|  | Vertical Scale | | | | AUTO | | | | | | | | | |  |  |  |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  |  |  |  |  |
|  | Dataset Samples To Keep | | | | 1200 | | | | | | | | | |  |  |  |  |  |
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|  | Width | | | | 501 | | | | | | | | | |  |  |  |  |  |
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|  | Appearance | | | | | | | | | | | | | |  |  |  |  |  |
|  | Show Legend | | | | true | | | | | | | | | |  |  |  |  |  |
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|  | Legend Place | | | | SOUTH | | | | | | | | | |  |  |  |  |  |
|  | Label Format | | | | MODEL\_TIME\_UNITS | | | | | | | | | |  |  |  |  |  |
|  | Plot Items: | | | | | | | | | | | | | | | | | |  |
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|  | Title | Type | | Dataset / Value | | | | | Point Style | | Color | | | Line | Width | Interpolation |  |  |  |
|  | effectAgeInProductivity | value | |  | | | | | NONE | | blue | | | true | 1 | LINEAR |  |  |  |
|  | effectWeatherInProductivity | value | |  | | | | | NONE | | magenta | | | true | 1 | LINEAR |  |  |  |
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|  | Group: group\_capacity | | | | | | | | | | | | | | | | |  |  |
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|  | Advanced | | | | | | | | | | | | | |  |  |  |  |  |
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|  | Dynamic | | | | | | | | | | | | | |  |  |  |  |  |
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|  | Time Plot: plotCrops | | | | | | | | | | | | | | | | |  |  |
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|  | General | | | | | | | | | | | | | |  |  |  |  |  |
|  | Time Window | | | | numberPeriods | | | | | | | | | |  |  |  |  |  |
|  | Vertical Scale | | | | AUTO | | | | | | | | | |  |  |  |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  |  |  |  |  |
|  | Dataset Samples To Keep | | | | 1200 | | | | | | | | | |  |  |  |  |  |
|  | Advanced | | | | | | | | | | | | | |  |  |  |  |  |
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|  | y | | | | -300 | | | | | | | | | |  |  |  |  |  |
|  | Width | | | | 520 | | | | | | | | | |  |  |  |  |  |
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|  | Appearance | | | | | | | | | | | | | |  |  |  |  |  |
|  | Show Legend | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Legend Place | | | | SOUTH | | | | | | | | | |  |  |  |  |  |
|  | Label Format | | | | MODEL\_TIME\_UNITS | | | | | | | | | |  |  |  |  |  |
|  | Plot Items: | | | | | | | | | | | | | | | | | |  |
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|  | Title | Type | | Dataset / Value | | | | | Point Style | | Color | | | Line | Width | Interpolation |  |  |  |
|  | crop1stHarvest | value | |  | | | | | NONE | | chocolate | | | true | 1 | LINEAR |  |  |  |
|  | crop2ndHarvest | value | |  | | | | | NONE | | goldenRod | | | true | 1 | LINEAR |  |  |  |
|  | crop3rdHarvest | value | |  | | | | | NONE | | oliveDrab | | | true | 1 | LINEAR |  |  |  |
|  | crop4thHarvest | value | |  | | | | | NONE | | deepSkyBlue | | | true | 1 | LINEAR |  |  |  |
|  | crop5thHarvest | value | |  | | | | | NONE | | mediumOrchid | | | true | 1 | LINEAR |  |  |  |
|  | cropOlder | value | |  | | | | | NONE | | crimson | | | true | 1 | LINEAR |  |  |  |
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|  | Time Plot: plotSCprodCapacity | | | | | | | | | | | | | | | | |  |  |
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|  | General | | | | | | | | | | | | | |  |  |  |  |  |
|  | Time Window | | | | numberPeriods | | | | | | | | | |  |  |  |  |  |
|  | Vertical Scale | | | | AUTO | | | | | | | | | |  |  |  |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Recurrence | | | | .5 | | | | | | | | | |  |  |  |  |  |
|  | Dataset Samples To Keep | | | | 1200 | | | | | | | | | |  |  |  |  |  |
|  | Advanced | | | | | | | | | | | | | |  |  |  |  |  |
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|  | Width | | | | 539 | | | | | | | | | |  |  |  |  |  |
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|  | Appearance | | | | | | | | | | | | | |  |  |  |  |  |
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|  | Label Format | | | | MODEL\_TIME\_UNITS | | | | | | | | | |  |  |  |  |  |
|  | Plot Items: | | | | | | | | | | | | | | | | | |  |
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|  | Title | Type | | Dataset / Value | | | | | Point Style | | Color | | | Line | Width | Interpolation |  |  |  |
|  | millCapacity (tonne/month) | value | |  | | | | | NONE | | blue | | | true | 1 | LINEAR |  |  |  |
|  | sugarCaneMonthlyProduction | value | |  | | | | | NONE | | magenta | | | true | 1 | LINEAR |  |  |  |
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|  | Time Plot: plotUtilization | | | | | | | | | | | | | | | | |  |  |
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|  | Time Window | | | | numberPeriods | | | | | | | | | |  |  |  |  |  |
|  | Vertical Scale | | | | AUTO | | | | | | | | | |  |  |  |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Recurrence | | | | .5 | | | | | | | | | |  |  |  |  |  |
|  | Dataset Samples To Keep | | | | 1200 | | | | | | | | | |  |  |  |  |  |
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|  | Appearance | | | | | | | | | | | | | |  |  |  |  |  |
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|  | Label Format | | | | MODEL\_TIME\_UNITS | | | | | | | | | |  |  |  |  |  |
|  | Plot Items: | | | | | | | | | | | | | | | | | |  |
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|  | Title | Type | | Dataset / Value | | | | | Point Style | | Color | | | Line | Width | Interpolation |  |  |  |
|  | capacityUtilization | value | |  | | | | | NONE | | blue | | | true | 1 | LINEAR |  |  |  |
|  | effectSchedulePressureOnCapUtil | value | |  | | | | | NONE | | magenta | | | true | 1 | LINEAR |  |  |  |
|  | effectExpMarkupOnCapUtil | value | |  | | | | | NONE | | yellowGreen | | | true | 1 | LINEAR |  |  |  |
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|  | Time Plot: plotTotalCrop | | | | | | | | | | | | | | | | |  |  |
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|  | General | | | | | | | | | | | | | |  |  |  |  |  |
|  | Time Window | | | | numberPeriods | | | | | | | | | |  |  |  |  |  |
|  | Vertical Scale | | | | AUTO | | | | | | | | | |  |  |  |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Recurrence | | | | .5 | | | | | | | | | |  |  |  |  |  |
|  | Dataset Samples To Keep | | | | 1200 | | | | | | | | | |  |  |  |  |  |
|  | Advanced | | | | | | | | | | | | | |  |  |  |  |  |
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|  | Width | | | | 539 | | | | | | | | | |  |  |  |  |  |
|  | Height | | | | 301 | | | | | | | | | |  |  |  |  |  |
|  | Appearance | | | | | | | | | | | | | |  |  |  |  |  |
|  | Show Legend | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Legend Place | | | | SOUTH | | | | | | | | | |  |  |  |  |  |
|  | Label Format | | | | MODEL\_TIME\_UNITS | | | | | | | | | |  |  |  |  |  |
|  | Plot Items: | | | | | | | | | | | | | | | | | |  |
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|  | Title | Type | | Dataset / Value | | | | | Point Style | | Color | | | Line | Width | Interpolation |  |  |  |
|  | totalCrop | value | |  | | | | | TRIANGLE | | blue | | | true | 1 | LINEAR |  |  |  |
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|  | Group: group\_exogenous | | | | | | | | | | | | | | | | |  |  |
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|  | Advanced | | | | | | | | | | | | | |  |  |  |  |  |
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|  | y | | | | 1350 | | | | | | | | | |  |  |  |  |  |
|  | Dynamic | | | | | | | | | | | | | |  |  |  |  |  |
|  | Dynamic: Visible | | | | v\_whichView == "exogenousInputs" | | | | | | | | | |  |  |  |  |  |
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|  | Time Plot: plotFleet | | | | | | | | | | | | | | | | |  |  |
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|  | General | | | | | | | | | | | | | |  |  |  |  |  |
|  | Time Window | | | | numberPeriods | | | | | | | | | |  |  |  |  |  |
|  | Vertical Scale | | | | AUTO | | | | | | | | | |  |  |  |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  |  |  |  |  |
|  | Dataset Samples To Keep | | | | 1200 | | | | | | | | | |  |  |  |  |  |
|  | Advanced | | | | | | | | | | | | | |  |  |  |  |  |
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|  | Width | | | | 450 | | | | | | | | | |  |  |  |  |  |
|  | Height | | | | 270 | | | | | | | | | |  |  |  |  |  |
|  | Appearance | | | | | | | | | | | | | |  |  |  |  |  |
|  | Show Legend | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Legend Place | | | | SOUTH | | | | | | | | | |  |  |  |  |  |
|  | Label Format | | | | MODEL\_TIME\_UNITS | | | | | | | | | |  |  |  |  |  |
|  | Plot Items: | | | | | | | | | | | | | | | | | |  |
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|  | Title | Type | | Dataset / Value | | | | | Point Style | | Color | | | Line | Width | Interpolation |  |  |  |
|  | fleetGas | value | |  | | | | | NONE | | maroon | | | true | 1 | LINEAR |  |  |  |
|  | Eth | value | |  | | | | | NONE | | green | | | true | 1 | LINEAR |  |  |  |
|  | Flex | value | |  | | | | | TRIANGLE | | blue | | | true | 1 | LINEAR |  |  |  |
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|  | Time Plot: plotGDP | | | | | | | | | | | | | | | | |  |  |
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|  | General | | | | | | | | | | | | | |  |  |  |  |  |
|  | Time Window | | | | numberPeriods | | | | | | | | | |  |  |  |  |  |
|  | Vertical Scale | | | | AUTO | | | | | | | | | |  |  |  |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  |  |  |  |  |
|  | Dataset Samples To Keep | | | | 1200 | | | | | | | | | |  |  |  |  |  |
|  | Advanced | | | | | | | | | | | | | |  |  |  |  |  |
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|  | Show Legend | | | | true | | | | | | | | | |  |  |  |  |  |
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|  | Label Format | | | | MODEL\_TIME\_UNITS | | | | | | | | | |  |  |  |  |  |
|  | Plot Items: | | | | | | | | | | | | | | | | | |  |
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|  | GDPperCapita | value | |  | | | | | NONE | | blue | | | true | 1 | LINEAR |  |  |  |
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|  | Time Plot: plotPriceGasolineA | | | | | | | | | | | | | | | | |  |  |
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|  | Analysis Auto Update | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  |  |  |  |  |
|  | Dataset Samples To Keep | | | | 1200 | | | | | | | | | |  |  |  |  |  |
|  | Advanced | | | | | | | | | | | | | |  |  |  |  |  |
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|  | Appearance | | | | | | | | | | | | | |  |  |  |  |  |
|  | Show Legend | | | | true | | | | | | | | | |  |  |  |  |  |
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|  | Label Format | | | | MODEL\_TIME\_UNITS | | | | | | | | | |  |  |  |  |  |
|  | Plot Items: | | | | | | | | | | | | | | | | | |  |
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|  | *ethanolV4NoIO* | | | | | | | | | | | | | | | | |  |  |
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|  | Plot Items: | | | | | | | | | | | | | | | | | |  |
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|  | Title | Type | | Dataset / Value | | | | | Point Style | | Color | | | Line | Width | Interpolation |  |  |  |
|  | priceGasolineA | value | |  | | | | | NONE | | blue | | | true | 1 | LINEAR |  |  |  |
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|  | Time Plot: plotPriceSugar | | | | | | | | | | | | | | | | |  |  |
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|  | General | | | | | | | | | | | | | |  |  |  |  |  |
|  | Time Window | | | | numberPeriods | | | | | | | | | |  |  |  |  |  |
|  | Vertical Scale | | | | AUTO | | | | | | | | | |  |  |  |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Recurrence | | | | 1 | | | | | | | | | |  |  |  |  |  |
|  | Dataset Samples To Keep | | | | 1200 | | | | | | | | | |  |  |  |  |  |
|  | Advanced | | | | | | | | | | | | | |  |  |  |  |  |
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|  | Width | | | | 450 | | | | | | | | | |  |  |  |  |  |
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|  | Appearance | | | | | | | | | | | | | |  |  |  |  |  |
|  | Show Legend | | | | true | | | | | | | | | |  |  |  |  |  |
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|  | Label Format | | | | MODEL\_TIME\_UNITS | | | | | | | | | |  |  |  |  |  |
|  | Plot Items: | | | | | | | | | | | | | | | | | |  |
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|  | Group: group\_profit | | | | | | | | | | | | | | | | |  |  |
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|  | Advanced | | | | | | | | | | | | | |  |  |  |  |  |
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|  | y | | | | 1381 | | | | | | | | | |  |  |  |  |  |
|  | Dynamic | | | | | | | | | | | | | |  |  |  |  |  |
|  | Dynamic: Visible | | | | v\_whichView == "profit" | | | | | | | | | |  |  |  |  |  |
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|  | Time Plot: plotProfit | | | | | | | | | | | | | | | | |  |  |
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|  | General | | | | | | | | | | | | | |  |  |  |  |  |
|  | Time Window | | | | numberPeriods | | | | | | | | | |  |  |  |  |  |
|  | Vertical Scale | | | | AUTO | | | | | | | | | |  |  |  |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Recurrence | | | | .5 | | | | | | | | | |  |  |  |  |  |
|  | Dataset Samples To Keep | | | | 1200 | | | | | | | | | |  |  |  |  |  |
|  | Advanced | | | | | | | | | | | | | |  |  |  |  |  |
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|  | Appearance | | | | | | | | | | | | | |  |  |  |  |  |
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|  | Label Format | | | | MODEL\_TIME\_UNITS | | | | | | | | | |  |  |  |  |  |
|  | Plot Items: | | | | | | | | | | | | | | | | | |  |
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|  | Title | Type | | Dataset / Value | | | | | Point Style | | Color | | | Line | Width | Interpolation |  |  |  |
|  | profitMarginSugar | value | |  | | | | | NONE | | blue | | | true | 1 | LINEAR |  |  |  |
|  | profitMarginHydrousEquivalent | value | |  | | | | | NONE | | magenta | | | true | 1 | LINEAR |  |  |  |
|  | combinedProfit | value | |  | | | | | NONE | | limeGreen | | | true | 1 | LINEAR |  |  |  |
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|  | Time Plot: plotFractionTRS | | | | | | | | | | | | | | | | |  |  |
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|  | General | | | | | | | | | | | | | |  |  |  |  |  |
|  | Time Window | | | | numberPeriods | | | | | | | | | |  |  |  |  |  |
|  | Vertical Scale | | | | AUTO | | | | | | | | | |  |  |  |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Recurrence | | | | .5 | | | | | | | | | |  |  |  |  |  |
|  | Dataset Samples To Keep | | | | 1200 | | | | | | | | | |  |  |  |  |  |
|  | Advanced | | | | | | | | | | | | | |  |  |  |  |  |
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|  | Width | | | | 501 | | | | | | | | | |  |  |  |  |  |
|  | Height | | | | 301 | | | | | | | | | |  |  |  |  |  |
|  | Appearance | | | | | | | | | | | | | |  |  |  |  |  |
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|  | Label Format | | | | MODEL\_TIME\_UNITS | | | | | | | | | |  |  |  |  |  |
|  | Plot Items: | | | | | | | | | | | | | | | | | |  |
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|  | Time Plot: plotExpectedProfit | | | | | | | | | | | | | | | | |  |  |
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|  | Analysis Auto Update | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Recurrence | | | | .5 | | | | | | | | | |  |  |  |  |  |
|  | Dataset Samples To Keep | | | | 1200 | | | | | | | | | |  |  |  |  |  |
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|  | Appearance | | | | | | | | | | | | | |  |  |  |  |  |
|  | Show Legend | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Legend Place | | | | SOUTH | | | | | | | | | |  |  |  |  |  |
|  | Label Format | | | | MODEL\_TIME\_UNITS | | | | | | | | | |  |  |  |  |  |
|  | Plot Items: | | | | | | | | | | | | | | | | | |  |
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|  | Title | Type | | Dataset / Value | | | | | Point Style | | Color | | | Line | Width | Interpolation |  |  |  |
|  | expectedProfitNewInv | value | |  | | | | | NONE | | blue | | | true | 1 | LINEAR |  |  |  |
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|  | Time Plot: plotSugar | | | | | | | | | | | | | | | | |  |  |
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|  | Time Window | | | | numberPeriods | | | | | | | | | |  |  |  |  |  |
|  | Vertical Scale | | | | AUTO | | | | | | | | | |  |  |  |  |  |
|  | Analysis Auto Update | | | | true | | | | | | | | | |  |  |  |  |  |
|  | Recurrence | | | | .5 | | | | | | | | | |  |  |  |  |  |
|  | Dataset Samples To Keep | | | | 1200 | | | | | | | | | |  |  |  |  |  |
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|  | priceSugar | value | |  | | | | | NONE | | blue | | | true | 1 | LINEAR |  |  |  |
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|  | Scaling | | | | SHRINK\_TO\_FIT | | | | | | | | | |  |  |  |  |  |
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|  | Advanced | | | | | | | | | | | | | |  | | |  |  |
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|  | Action | | | | pauseTime=3; eventPause.restart(); runSimulation(); | | | | | | | | | |  | | |  |  |
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|  | Action | | | | pauseTime=12; eventPause.restart(); runSimulation(); | | | | | | | | | |  | | |  |  |
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|  | Combo Box: combo\_scenarioPriceSugar | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | String Values | | | | fixed, base, low, high | | | | | | | | | |  | | |  |  |
|  | Link To | | | | true | | | | | | | | | |  | | |  |  |
|  | Link | | | | scenarioPriceSugar | | | | | | | | | |  | | |  |  |
|  | Advanced | | | | | | | | | | | | | |  | | |  |  |
|  | Font Name | | | | Dialog | | | | | | | | | |  | | |  |  |
|  | Font Size | | | | 11 | | | | | | | | | |  | | |  |  |
|  | x | | | | 960 | | | | | | | | | |  | | |  |  |
|  | y | | | | 1490 | | | | | | | | | |  | | |  |  |
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|  | Combo Box: combo\_scenarioProductivity | | | | | | | | | | | | | | | | |  |  |
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|  | Name | | | | Value | | | | | | | | | |  | | |  |  |
|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | String Values | | | | fixed, base, lowGrowth, highGrowth | | | | | | | | | |  | | |  |  |
|  | Link To | | | | true | | | | | | | | | |  | | |  |  |
|  | Link | | | | scenarioProductivity | | | | | | | | | |  | | |  |  |
|  | Advanced | | | | | | | | | | | | | |  | | |  |  |
|  | Font Name | | | | Dialog | | | | | | | | | |  | | |  |  |
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|  | x | | | | 960 | | | | | | | | | |  | | |  |  |
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|  | Combo Box: combo\_scenarioExports | | | | | | | | | | | | | | | | |  |  |
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|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | String Values | | | | fixed, base, lowGrowth, highGrowth | | | | | | | | | |  | | |  |  |
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|  | Link | | | | scenarioExports | | | | | | | | | |  | | |  |  |
|  | Advanced | | | | | | | | | | | | | |  | | |  |  |
|  | Font Name | | | | Dialog | | | | | | | | | |  | | |  |  |
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|  | Dimension: TypeEthanol | | | | | | | | | | | | | | | | |  |  |
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|  | General | | | | | | | | | | | | | |  | | |  |  |
|  | Dimension Type | | | | enumeration | | | | | | | | | |  | | |  |  |
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