

Tree Growth Simulator

Introduction

The **Tree Growth Simulator** is a GT++ multi-block made for automatically growing trees. It will consume power (and requires a starting sapling to run, which does not get consumed) and produce large amount of logs. Alternatively it can be set to produce saplings by providing Fertilizer in an Input Hatch.

Construction

A **Tree Growth Simulator** is a 3x3x3 structure that requires:

- 1 Controller block; front, centered
 - 1 Maintenance Hatch; anywhere
 - 1 Energy Hatch, anywhere
 - 1 Muffler Hatch, anywhere
 - 0+ Input Bus, optional, anywhere^[1]
 - 0+ Output Bus, optional, anywhere^[2]
 - 0+ Input Hatch, optional, anywhere
 - 0+ Output Hatch optional, anywhere
 - 8+ Sterile Farm Casing
1. One Input Bus required for the sapling.
 2. One Output Bus required for the output.

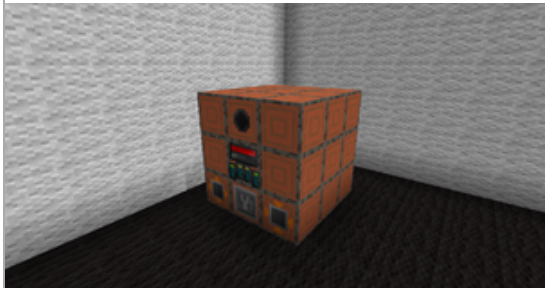
Usage

The **Tree Growth Simulator** is often used for a Benzene setup, as it produces logs at a fast rate and does not take up much space compared to other Tree Farm alternatives such as the Farming Station. A Saw is required in the GUI slot for the Tree Growth Simulator to run. The production of logs from the Tree Growth Simulator can be seen below:

*Production = (2 * tier² - 2 * tier + 5) * 5 * SawBoost*

Where tier is Energy tier and the Saw Boost can be seen below:

Tree Growth Simulator



Mod	GT++
Relevant Quest	Trees Growing Faster
Tier	IV
Size	3x3x3 (hollow)
Rotatable	Yes
Energy:	
Energy usage	100%

Saw Type	Saw Boost
Saw	1x
Buzzsaw	2x
Chainsaw	4x

Note:The speed of the **Tree Growth Simulator** is 5 seconds and can not be increased.

GT++

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Blocks

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Blocks/Casings

Botmium Machine Casing • Laurenium Machine Casing

Machines

Cold Trap • Computer Cube • Reactor Processing Unit

Multiblocks

GT Processing

Amazon Warehousing Depot • Boldarnator • Cryogenic Freezer • Cutting Factory • Dangote Distillus • Density^2 • FusionTech Mk IV • High Current Industrial Arc Furnace • Industrial 3D Copying Machine • Industrial Centrifuge • Industrial Coke Oven • Industrial Electrolyzer • Industrial Extrusion Machine • Industrial Material Press • Industrial Mixing Machine • Industrial Sledgehammer • Large Processing Factory • Large Scale Auto-assembler • Large Sifter • Large Thermal Refinery • Maceration Stack • Ore Washing Plant • Steam Grinder • Steam Squasher • Utupu-Tanuri • Volcanus • Whakawhiti Wera XL • Wire Factory • Zyngen

GT++ Processing

Alloy Blast Smelter • Compact Cyclotron • ExxonMobil Chemical Plant • IsaMill Grinding Machine • Reactor Fuel Processing Plant • Sparge Tower • Thermal Boiler

Resource Prod.

Algae Farm • Tree Growth Simulator • Zhuhai Fishing Port

Powergen

Large Advanced Gas Turbine • Large Generator Array • Large Semifluid Burner • Rocketdyne F-1A Engine • Solar Tower • Thorium Reactor (LFTR) • XL Turbo Gas Turbine • XL Turbo Plasma Turbine • XL Turbo HP Steam Turbine • XL Turbo Steam Turbine

Other

Matter Fabrication CPU • Molecular Transformer • Power Sub-station

Items

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Tools

Portable Scanner

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