

Sugarcane

Sugarcane variety resistant to insect pests and herbicides

Photo: Tiago Costa Lima



Embrapa
Agroenergy

Sugarcane variety resistant to insect pests and herbicides

Raw material

Process

End product

Sugarcane

Genetic modification

Variety resistant to insect pests and herbicide

Genetically modified sugarcane with resistance to sugarcane borer (*Diatraea saccharalis*) and glyphosate. A technology of great economic importance for the sugar-energy sector, the result of a partnership between startup PangeiaBiotech and Embrapa Agroenergia.

Applications

- + Production of 1st and 2nd generation ethanol.
- + Sugar production (TRS).
- + Energy cogeneration.

Advantages

- + Better weed control in the crop.
- + Increased efficiency in sugarcane borer control.
- + Increased agricultural productivity.
- + Reduction on production costs.

Stage ► TRL/MRL 5

Take this technology to another stage



Research with us for other potential uses



Make this technology the basis of your incubated company

Person in charge: HUGO BRUNO CORREA MOLINARI