

Sugarcane

Drought tolerant sugarcane variety

Photo: Goreti Braga



Embrapa
Agroenergy

Drought tolerant sugarcane variety

Raw material

Sugarcane

Process

Genetic modification

End product

Drought tolerant variety

Genetically modified sugarcane with increased tolerance to high environmental temperatures and prolonged water restriction.

Applications

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

Advantages

- + Sustainability in the expansion of sugarcane plantations to regions with drought stress.
- + Increased agricultural productivity of sugarcane.
- + Reduction of sugarcane production losses in drought stress environments.
- + Decrease of environmental impacts.

Stage ► TRL/MRL 5 - Lab scale

Take this
technology
to another
stage



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with us
for other
potential
uses



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technology
the basis
of your
incubated
company

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