

Sugarcane

Sugarcane variety with higher
cell wall digestibility

Photo: Nelson Oliveira



Embrapa
Agroenergy



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Raw material

Sugarcane

Process

Genetic modification

End product

Variety with higher cell wall digestibility

Genetically modified sugarcane with increased cell wall digestibility. The technology aims to improve plant biomass for production of cellulosic ethanol (2G), animal feed, and high value-added chemical compounds.

Applications

- + Production of 1st and 2nd generation ethanol.
- + Animal feed production.
- + Production of high value-added chemical compounds.

Advantages

- + Increased efficiency in bioethanol production.
- + More adequate variety for industrial processing.
- + Bagasse with higher digestibility for use in animal feed.
- + Adding value to the sugarcane production chain.

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**

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