

Macauba

Macauba processing for higher oil yield

Photo: Elvis Costa



Embrapa
Agroenergy



Macauba processing for higher oil yield

Raw material

Macauba fruit

Process

Drying with forced ventilation

End product

Pulp with higher oil concentration

Process of macauba fruit storage with forced ventilation followed by drying to obtain a higher yield and maintain the quality of the pulp oil.

Applications

- + Macauba productive chain.
- + Processing sector - agro-industry.
- + Production of biofuels.
- + Production of coproducts for human or animal nutrition.

Advantages

- + Inhibition of biochemical degradation of the fruits.
- + Low cost and less energy consumption.
- + Production of oil with competitive yield and acidity compatible with edible oils on the market.

Stage ► TRL/MRL 3 - 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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