



MBARARA ZONAL AGRICULTURAL RESEARCH & DEVELOPMENT INSTITUTE

Located 4 Miles on Mbarara - Kasese Road TEL: 04854-43745

ENZYMATIC EXTRACTION OF BANANA WINE



THE FACTS

- It produces a highly refined and clear juice in comparison to traditional methods where particles can be seen in the product
- The six beer brewing varieties for South Western Uganda are Mbidde, Musa, Kisubi, Kayinja, Mufunyakobe and Fhia 23.
- Enzymatic extraction of juice increases juice yield by 45% in comparison to traditional methods of hand extraction.
- Enzymatic extraction is labor saving as no manpower is used in the process
- Enzymatic extraction is good for the environment since no firewood is used as opposed to boiling method.
- It is free of health and safety hazards as no smoke is generated in the process as opposed to boiling.



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BANANA BACTERIAL WILT CONTROL



Research recommended technologies

- Uproot and chop entire mats with diseased plants and leave on surface to dry.
- Uproot, chop and bury the diseased plant tissue
- Remove male buds using a forked stick
- Sterilize the tools using fire or chemical disinfectant (jik)
- Remove dry leaves and suspend pruning.

Farmer-modified techniques

- Uproot and destroy infected plants only
- Apply ash on cut parts of the pseudostem
- Uproot diseased plant only, and leave as a whole to dry & chop when dry.

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