

EXPLOITABLE FOREGROUND

Technological Package for Sweet Sorghum in the Northeastern Part of México

Explanation and Purpose

The best agronomic practices will allow expressing the yield potential in the varieties and hybrids of sweet sorghum genotypes.

Plant density, fertilization and planting dates are the most important aspects to consider in sorghum productivity. According to the results the best plant density was 125 mil plants/ha for grain yield. However, there was no difference in juice and °Brix per plant with 250,000 plants ha⁻¹. Therefore high potential for juice production can be present under high plant densities.

The fertilization depends on the soil type, and the fertilization doses will depend of the natural fertility of the soil, the right moment of application and the source of the fertilization elements. Organic fertilization is also possible.

Exploitation Strategy

To create a pamphlet with information that allows farmers to know the right agricultural practices to increase productivity in the fields and also to promote advantages of sweet sorghum.

Further Research

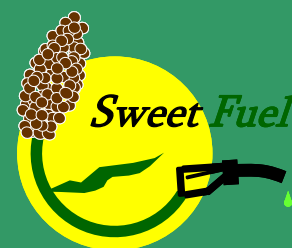
Further research will focus on the identification of sustainable sources of N fertilization suitable for environments under stress and to work with farms to better represent the variability in existing production systems in Mexico.

Impact of Exploitation

Improved agricultural practices may reduce the amount of N used to grow a crop in sweet sorghum production systems, and thus decrease the cost of the production in fields with sweet sorghum crop.

SWEETFUEL

Sweet Sorghum: an alternative energy crop



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