

Technology leaflet:

Millet variety Souna x Sanio TC-886

From the Cinzana Research Station, Mali

Origin

recombination of the best progeny lines (F2) of the crossing Souna and Sanio

Morphologic features

Plant height 1.75 - 2.50 m *Tillering* moderate *Ear form* cylindrical *Ear size* 25 - 30 cm *Compaction* compact *Grain color* light yellow *Grain weight* 9 - 10 g per 1000 grains

Agronomic features

Time to flowering 55 - 65 days *Daylength response* slightly sensitive *Seedling vigor* good

Processing features

Endosperm moderately vitreous *Consistency* t \hat{o} poor

Susceptibility

Diseases slightly susceptible to downy mildew and smut *Pests* resistant to earworm *Weeds* susceptible to Striga

Performance

Potential yield 2.0 t/ha *Farmer's yield* 1.1 t/ha

Application

area with annual rainfall between 400 and 600 mm

Recommended practices

Soil preparation ridging at the start of the rainy season

Sowing optimum sowing period: 20 June - 10 July

sowing at 0.80 x 0.80 m (6 kg/ha),

thinning at 2 plants per hole (31,250 pl/ha)

Fertilization 4 to 8 t/ha farm yard manure or 100 kg/ha

ammonium phosphate at emergence, 50 kg/ha urea at heading

Precedent crops legumes or fallow