

Technology leaflet: Millet variety Sanioba 03

From the Cinzana Research Station, Mali

Origin

recombination of the best progeny lines (S1) of selfed plants from the population Sanioba (CMM-CMDT 03) collected in southern Mali

Morphologic features

Plant height 2.5 - 3 m *Tillering* abundant *Ear form* cylindrical *Ear size* 40 - 45 cm *Compaction* very compact *Grain color* grayish white *Grain weight* 13 g per 1000 grains

Agronomic features

Time to flowering 75 - 80 days *Daylength response* sensitive *Seedling vigor* good

Processing features

Endosperm vitreous *Consistency* tô good

Susceptibility

Diseases tolerant to downy mildew and smut *Pests* resistant to earworm *Weeds* susceptible to Striga **Performance** *Potential yield* 1.5 - 2.0 t/ha *Farmer's yield* 1.6 t/ha

Application

area with annual rainfall between 600 and 900 mm

Recommended practices

Soil preparation ridging at the start of the rainy season

Sowing optimum sowing period: 15 June - 5 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