

Technology leaflet: Millet variety Benkadinio

From the Cinzana Research Station, Mali

Origin

recombination of local cultivars of Mali

Morphologic features

Plant height 2.5 - 3 m *Tillering* abundant *Ear form* cylindrical *Ear size* 38 cm *Compaction* compact
Grain color yellow gray *Grain weight* 16 g per 1000 grains

Agronomic features

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

Processing features

Endosperm moderately vitreous *Consistency* tô good

Susceptibility

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

Performance

Potential yield 2.5 t/ha *Farmer's yield* 1.8 t/ha

Application

area with annual rainfall between 700 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