

Technology leaflet: Sorghum variety Djakumbé

From the Cinzana Research Station, Mali

Origin		variety (CSM-63E) of Guinea type originating from Mali
Morphologic features	<i>Plant height</i>	2.1 m
	<i>Tillering</i>	poor
	<i>Ear form</i>	pendant (goose-neck)
	<i>Ear exertion</i>	good
	<i>Ear compaction</i>	loose
	<i>Seed coat</i>	tannin absent
	<i>Grain color</i>	white
	<i>Grain weight</i>	21 g per 1000 grains
Agronomic features	<i>Time to maturity</i>	100 days
	<i>Daylength response</i>	sensitive
	<i>Seedling vigor</i>	good
Processing features	<i>Endosperm</i>	vitreous
	<i>Consistency tô</i>	good
	<i>Color tô</i>	whitish
Susceptibility	<i>Diseases</i>	tolerant to long smut, charcoal rot and grain mould
	<i>Pests</i>	tolerant
	<i>Weeds</i>	susceptible to Striga

Performance *Potential yield* 2.0 t/ha

Farmer's yield 1.4 t/ha

Application area with annual rainfall between 400 and 700 mm

Recommended *Soil preparation* ridging at the start of the rainy season

practices

Sowing optimum sowing period: 20 June - 10 July
 sowing at 0.75 x 0.50 m (15 kg/ha),
 thinning at 1 or 2 plants per hole (26,700 pl/ha)

Fertilization 100 kg/ha bulk fertilizer (15-15-15)
 at sowing and 50 kg/ha urea at thinning

Precedent crops legumes or fallow