



Palisade grass

Brachiaria brizantha | Marandu

BOTANICAL CHARACTERISTICS

Botanical name	<i>Urochloa brizantha</i> Syn. <i>Brachiaria brizantha</i>
Common name	Palisade grass
Origin of the species	Sub-Saharan Africa
Life cycle	Perennial
Days to flowering	90-120 days
Soil fertility	Tolerates low fertility and the presence of Aluminum

IMPLEMENTATION | SOWING | ESTABLISHMENT

1000-Seed weight	8.5 g
Sowing rate	17-30 viable seeds/m ²
Target population density (at first grazing / pasture)	10-20 plants/m ²
Sowing depth	1-2 cm
Sowing period	Spring / Summer (with reliable soil moisture)
Row spacing	n/a
Cropping method	Single or mixed with tropical legumes and trees

USAGE

Recommended for	Forage, soil conservation
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MANAGEMENT

Pre-grazing height	30-35 cm
Post-grazing height	10-15 cm
Height under continuous grazing	25 cm

DISEASES & PESTS

Drought	Moderately Resistant
Waterlogging	Susceptible
Shading	Resistant
Spittlebug/Froghopper	Resistant

YIELD

Forage yield	10-20 t DM/ha/yr		
Crude protein	8-13%		
TDN	n/a	ADF	32%-37%
NDF	58%-66%	IVDMD	62%-65% (75% 15-day-old leaves)