



Pearl Millet

Pennisetum glaucum | ADR 500 SUPERMASSA

BOTANICAL CHARACTERISTICS

Botanical name	<i>Pennisetum glaucum</i>
Common name	Pearl millet
Origin of the species	Sahara Desert
Life cycle	Summer Annual
Days to flowering	53-58 days
Soil fertility	Highly responsive to fertilizer

IMPLEMENTATION | SOWING | ESTABLISHMENT

1000-Seed weight	8.1 g
Sowing rate	20-25 kg/ha
Sowing depth	2 cm
Sowing period	Spring
Row spacing	n/a
Cropping method	Single or in mixes

USAGE

Recommended for	Forage
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MANAGEMENT

Pre-grazing height	60-70 cm
Post-grazing height	15 cm

DISEASES & PESTS

Lodging (mature plants in seed crops)	Resistant
Leaf rust	Resistant
Stem rust	Resistant

YIELD

Forage yield (mean monthly growing season)	
Low yield (minimum rainfall recommended)	80 mm → 4,000 kg DM/ha
Medium yield	100 mm → 8,000 kg DM/ha
High yield	150 mm → 12,200 kg DM/ha
Maximum yield (same as irrigated)	175 mm → 14,500 kg DM/ha
DM	18.19%
Crude protein	18.12%
TDN	60.95%
ADF	34.70%
NDF	62.71%
IVDMD	n/a