

Pearl Millet

Pennisetum glaucum | ADR 300

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	45-50 days
Soil fertility	Responsive to fertilizer

IMPLEMENTATION | SOWING | ESTABLISHMENT

1000-Seed weight	8.4 g
Sowing rate	15-20 kg/ha
Sowing depth	2 cm
Sowing period	Spring
Row spacing	n/a
Cropping method	Single or in mixes

USAGE

Recommended for	Cover Crop, nematode Control
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MANAGEMENT

Pre-grazing height	n/a
Post-grazing height	n/a

DISEASES & PESTS

Lodging (mature plants in seed crops)	Resistant
Leaf rust	Resistant
Stem rust	Resistant
Soil nematode population reduction	<i>Meloidogyne incognita</i> , <i>Meloidogyne javanica</i> , <i>Rothylencus reniformis</i> , <i>Pratylenchus brachyurus</i>

YIELD

Yield (mean monthly growing season)	
Low yield (minimum rainfall recommended)	60 mm → 5,000 kg DM/ha
Medium yield	85 mm → 7,000 kg DM/ha
High yield	120 mm → 11,000 kg DM/ha
Maximum yield (same as irrigated)	150 mm → 12,500 kg DM/ha
Crude protein	n/a
TDN	n/a
ADF	n/a
NDF	n/a
IVDMD	n/a