



Oat

Avena sativa L. | IPR Esmeralda

BOTANICAL CHARACTERISTICS

Botanical name	<i>Avena sativa</i>
Common name	Oat
Origin of the species	Asia / Middle East
Life cycle	Wintern annual
Days to flowering	96
Soil fertility	High

IMPLEMENTATION | SOWING | ESTABLISHMENT

1000-Seed weight	25 g
Sowing rate	90 kg/ha
Sowing depth	2-3 cm
Sowing period	Autumn (Fall)
Row spacing	17 cm
Cropping method	Single or mixed

USAGE

Recommended for	Forage, cover crop
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MANAGEMENT

Pre-grazing height	30 cm
Post-grazing height	15-20 cm

DISEASES & PESTS

Lodging (mature plants in seed crops)	Moderately susceptible
Leaf rust	Moderately susceptible
Stem rust	Moderately susceptible

YIELD

Forage yield	6622 kg DM/ha		
Cover crop	7182 kg DM/ha		
Crude protein	20%		
TDN	62%	ADF	30%
NDF	55%	IVDMD	69%