



Oat

Avena sativa L. | IPR Afrodite

BOTANICAL CHARACTERISTICS

Botanical name	<i>Avena sativa</i>
Common name	Oat
Origin of the species	Asia / Middle East
Life cycle	Wintern annual
Days to silking	85
Soil fertility	n/a

IMPLEMENTATION | SOWING | ESTABLISHMENT

1000-Seed weight	28 g
Sowing rate	300-350 viable seeds/m ²
Sowing depth	2-3 cm
Sowing period	Autumn (Fall)
Row spacing	17-20 cm
Cropping method	Single or in mixes

USAGE

Recommended for	Grain production
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MANAGEMENT

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

DISEASES & PESTS

Lodging (mature plants in seed crops)	Moderately susceptible
Leaf rust	Moderately susceptible
Stem rust	Moderately susceptible
Soil nematode population reduction	<i>Meloidogyne incognita</i> , <i>Meloidogyne javanica</i> , <i>Meloidogyne paranaensis</i> , <i>Meloidogyne enterolobii</i> Reproduction Factor (RF) = 0

YIELD

Forage yield	4,500-5,000 kg/ha		
Cover crop	n/a		
DM	n/a		
Crude protein	14.3%		
TDN	n/a	ADF	n/a
NDF	n/a	IVDMD	n/a