

Black Oat

Avena strigosa | IAPAR 61

BOTANICAL CHARACTERISTICS

Botanical name	<i>Avena strigosa</i>
Common name	Black Oat
Origin of the species	Asia / Middle East
Life cycle	Winter Annual
Days to flowering	134 days
Soil fertility	Medium

IMPLEMENTATION | SOWING | ESTABLISHMENT

1000-Seed weight	15 g
Sowing rate (pasture)	45 kg viable (unadjusted) seeds/ha
Sowing depth	1 cm
Sowing period	Autumn (Fall)
Row spacing	20 cm
Cropping method	Single or in mixes

USAGE

Recommended for	Forage, Cover Crop
-----------------	--------------------

MANAGEMENT

Pre-grazing height	25 cm
Post-grazing height	5-7 cm

DISEASES & PESTS

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

YIELD

Forage Yield (ideal moisture and temperatures)			
Low soil fertility	4,000 kg DM/ha		
Medium soil fertility	7,000 kg DM/ha		
High soil fertility	9,000 kg DM/ha		
Cover Crop Yield	n/a		
DM (%)	n/a		
Crude protein	20%-23%		
TDN	60%-62%	ADF	28%-31%
NDF	48%-50%	IVDMD	73%-75%