

## BOTANICAL CHARACTERISTICS

Botanical name	<i>Avena sativa</i>
Common name	Oat
Origin of the species	Asia / Middle East
Life cycle	Winter Annual
Days to flowering	145
Soil fertility	Medium

## IMPLEMENTATION | SOWING | ESTABLISHMENT

1000-Seed weight	22 g
Sowing rate	60 kg viable seeds/ha
Sowing depth	1-2 cm
Sowing period	Autumn (Fall)
Row spacing	17 cm
Cropping method	Single or in mixes

## USAGE

Recommended for	Forage, silage, cover crop
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## MANAGEMENT

Pre-grazing height	22-30 cm
Post-grazing height	8-10 cm

## DISEASES & PESTS

Lodging (mature plants in seed crops)	Resistant <sup>1</sup>
Leaf rust	Susceptible <sup>2</sup>
Stem rust	Susceptible <sup>2</sup>
Leaf spot	Resistant

<sup>1</sup> Only observed in seed crops with excessively high seeding density or excessive nitrogen application.

<sup>2</sup> Normally controlled by grazing and avoiding overgrowth.

## YIELD

Forage yield (ideal moisture and temperatures)			
Low soil fertility		3,000 kg DM/ha	
Medium soil fertility		7,900 kg DM/ha	
High soil fertility		10,300 kg DM/ha	
Cover crop		n/a	
DM (%)		n/a	
Crude protein		20%-25%	
TDN	65%	ADF	24%
NDF	49%	IVDMD	76%