

Black Oat

Avena strigosa | EMBRAPA 139

BOTANICAL CHARACTERISTICS

Botanical name *Avena strigosa*

Common name Black oat

Origin of the species Asia / Middle East

Life cycle Winter Annual

Days to silking 95-145

Soil fertility Medium

IMPLEMENTATION | SOWING | ESTABLISHMENT

1000-Seed weight 18g

Sowing rate 75-85 kg viable seeds/ha

Sowing depth 2-3cm

Sowing period Autumn (Fall)

Row spacing 17-30cm

Cropping method Single or in mixes

USAGE

Recommended for Forage, cover crop

MANAGEMENT

Pre-grazing height n/a

Post-grazing height n/a

DISEASES & PESTS

Lodging
(mature plants in seed crops) Moderately Resistant

Leaf rust Moderately Susceptible

Stem rust Moderately Resistant

YIELD

Forage Yield

Low N input 4,000 kg DM/ha

High N input 6,900 kg DM/ha

Cover Crop Yield 9,300 kg DM/ha

Crude protein 21%

TDN	60%	ADF	32%
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NDF	53%	IVDMD	73%
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