

Grass  
**Oats, Black**  
*Avena strigosa*



## PLANT HARDINESS ZONE 5 DATASET

### COVER CROP DESCRIPTION

Does not overwinter when fall-seeded. Provides moderate weed suppression and N scavenging, has high forage quality. Needs adequate fertility for maximum benefits. Good nurse crop. Not a host for take-all disease of small grains. Select spring types that go to stalk/head/seed without vernalization. Mix with radish, peas. Compared to other small grains: lowest biomass, lower C:N, lower tolerance for dry/wet extremes.



Oats, Black - Schomberg [2020]



Oats, Black - Schomberg [2020]

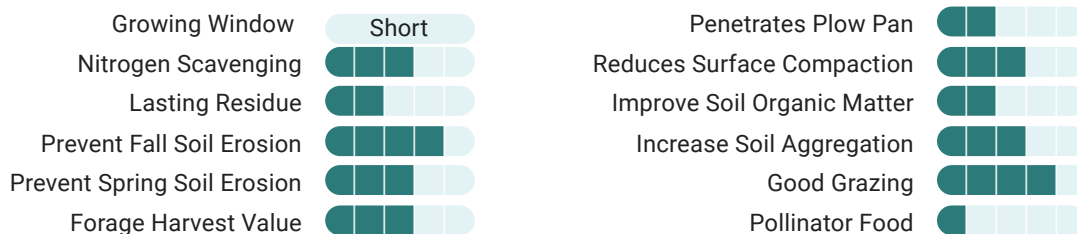


Oats, Black - Schomberg [2020]

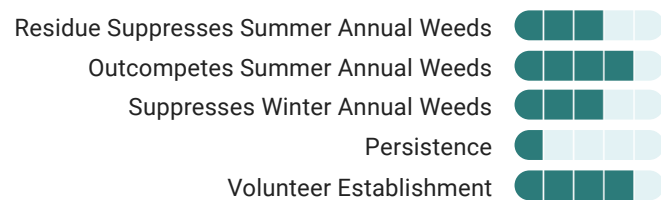


Oats, Black - Eagen [2020]

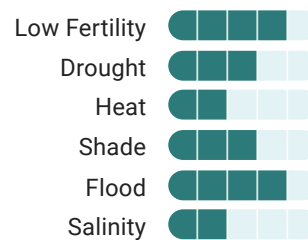
### GOALS



### WEEDS



### ENVIRONMENTAL TOLERANCES

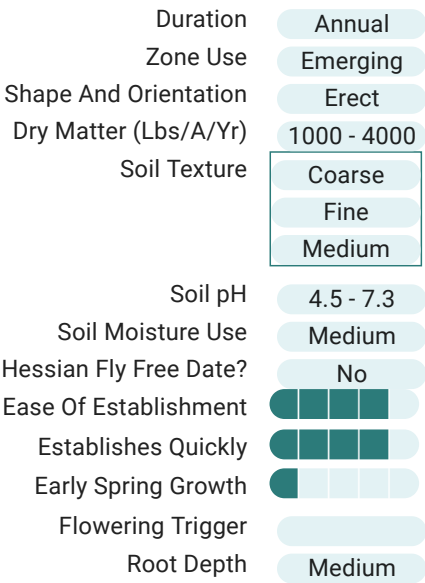


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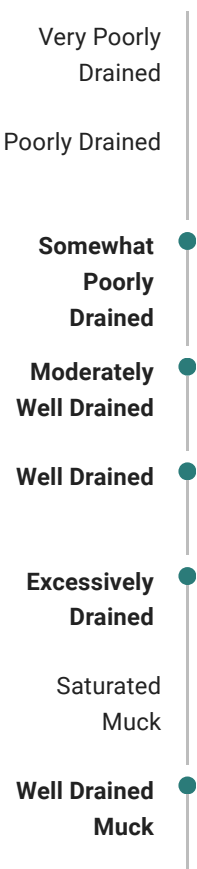


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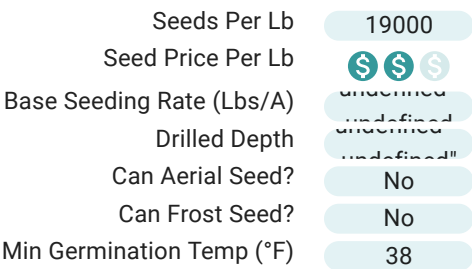
Growth Traits



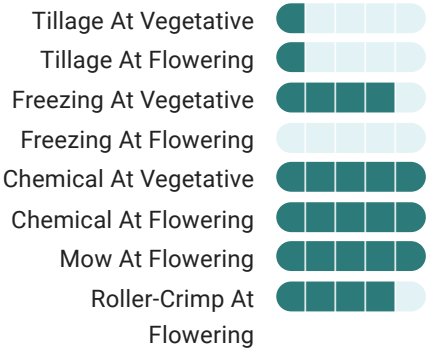
Soil Drainage



Planting



Termination



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### Planting and Growth Windows

Frost Seeding

N/A

Reliable Establishment

03/01 - 04/30

08/15 - 09/01

Temperature/Moisture Risk

N/A

Active Growth Period

Fall

Spring

Summer

Winter Survival

Never

Can Interseed

N/A

JanFebMarAprMayJunJulAugSepOctNovDec

### Extended Comments

**Basic Agronomics:** Dry matter highly dependent on planting and termination date and precipitation. Prone to lodging in N-rich soil; decomposition depends on maturity at kill. When planted in September will grow faster than rye. If planted early enough (e.g. after peas), it creates a very good lasting residue. Bloat potential that is easily managed. Nitrate testing of forage is recommended.

**Weeds:** Slow to release N to following crop unless growth terminated in mid-vegetative stage (12-18 in.).

**Nematodes:** Host for Penetrans Root-Lesion Nematode.

### References & Resources

**Use of Cover Crops and Green Manures to Attract Beneficial Insects**, University of Connecticut Integrated Pest Management Program

**Multiple Purpose Cover Crops**, Northeast Organic Farming Association of Connecticut

**Under Cover – Integrating Cover Crops into Silage Corn Systems**, University of Vermont Extension