

Grass
Oats
Avena sativa



PLANT HARDINESS ZONE 4 DATASET

COVER CROP DESCRIPTION

Does not overwinter when fall-seeded. When planted in spring or early enough in late summer a good weed suppressor, ok N scavenger, high forage quality and can produce more fall biomass than winter grains. Needs good fertility for maximum benefits. Good nurse crop. Not a host for take-all disease. Mix with radish, peas. Last small grain to mature in spring. Compared to other small grains: lowest overall biomass, slightly lower C:N, lower tolerance for dry/wet extremes.



Oats, Winter - Bjorkman [2020]

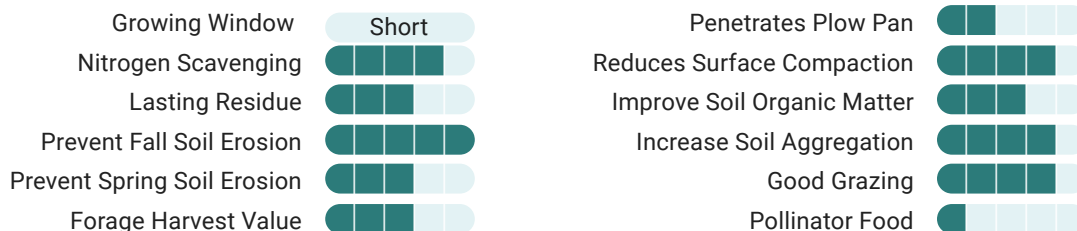


Oats, Winter - Ackroyd [2020]

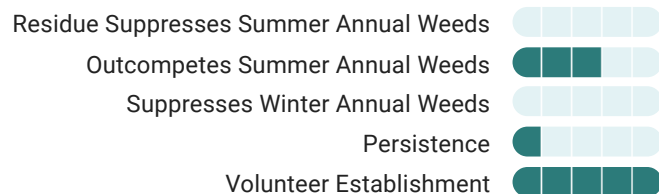


Oats, Winter - Ackroyd [2020]

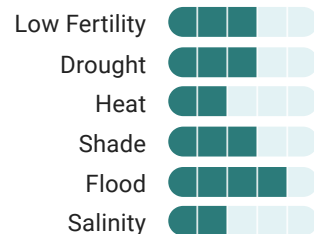
GOALS



WEEDS



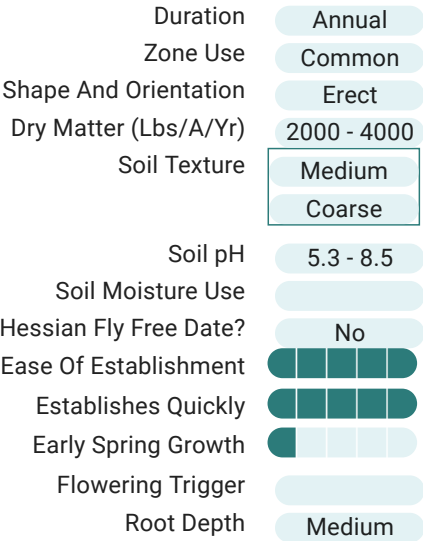
ENVIRONMENTAL TOLERANCES



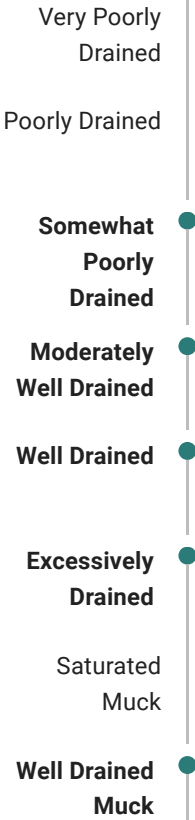


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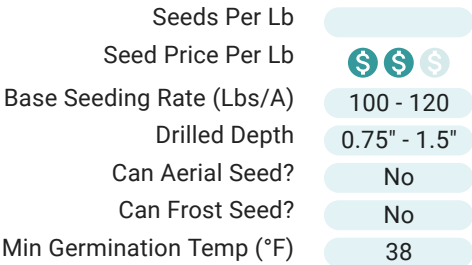
Growth Traits



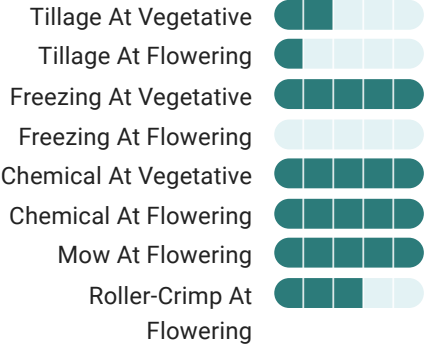
Soil Drainage



Planting



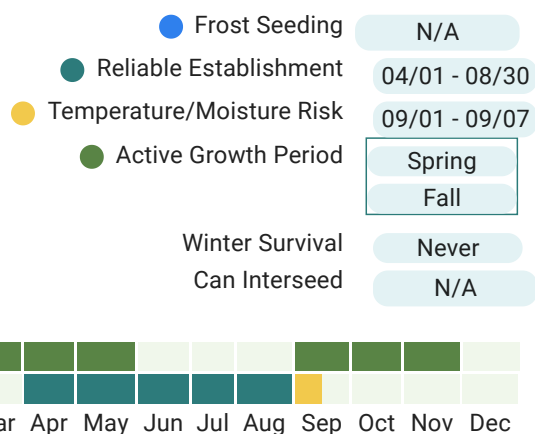
Termination





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Planting and Growth Windows



Extended Comments

Forage and Grazing: Grown in southeastern PA as a fall forage or grazing crop.

Nematodes: Supports reproduction of some root-knot nematode species/races.

References & Resources

Cover Crops and Green Manures, University of Vermont Extension
2016 Cover Crop Mix in Corn Silage Trial, University of Vermont Extension
2015 Cover Crop Mix in Corn Silage Trial, University of Vermont Extension
2014 Summer Cover Crop Mix, University of Vermont Extension
2014 Early Fall Cover Crop Trial, University of Vermont Extension
2014 Late Summer Cover Crop Trial, University of Vermont Extension
Pasture Production of Selected Forage Species, University of New Hampshire Cooperative Extension
Cover Cropping for Success, University of Maine Cooperative Extension
Cover Crops for Home Gardens, University of Maine Cooperative Extension
Using Green Manures, Maine Organic Farmers and Gardeners Association
Selected Green Manures and Cover Crops for Maine, University of Maine
Oats, Cornell University Cooperative Extension
Early Fall Seasonal Cover Crops, Cornell University Cooperative Extension