#### **GRASS**

Oats Avena sativa

This data is based on expert opinion.



Plant Hardiness Zone 7 Dataset



### **COVER CROP DESCRIPTION**

Least-hardy small grain; does not overwinter. Good weed suppressor, ok N scavenger, high forage quality. Needs good fertility for maximum benefits. Good nurse crop. Good rotation for other small grains - not a host for take-all disease. 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.







#### **GOALS**

**Growing Window** 

Lasting Residue

Short

Penetrates Plow Pan

Nitrogen Scavenging

**Reduces Topsoil Compaction** 

Improve Soil Organic Matter

Increase Soil Aggregation

Prevent Fall Soil Erosion

Prevent Spring Soil Erosion

Supports Mycorrhizae

**Promote Water Quality** Forage Harvest Value

**Good Grazing** Pollinator Food

**WEEDS** 

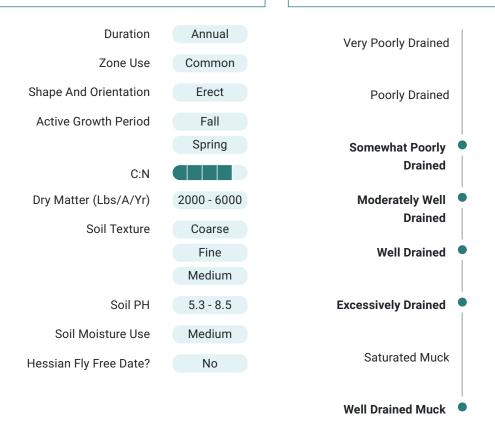
**ENVIRONMENTAL TOLERANCES** 





#### **BASIC AGRONOMICS**

## **SOIL DRAINAGE**



#### **GROWTH**

# **PLANTING**

Ease Of Establishment		Seeds Per Lb	19400
Establishes Quickly		Seed Price Per Lb	
Early Spring Growth		Base Seeding Rate (Lbs/A)	60 - 100
Flowering Trigger		, , ,	0 [" 1 ["
Root Architecture	Fibrous	Drilled Depth	0.5" - 1.5"
	!!	Can Aerial Seed?	No
Root Depth	Medium	Can Frost Seed?	No
Inoculant Type	None	oun rost occu.	113
		Min Germination Temp (°F)	38

## **TERMINATION**

## **PLANTING DATES**

Tillage At Vegetative Tillage At Flowering Freezing At Vegetative Freezing At Flowering Chemical At Vegetative Chemical At Flowering Mow At Flowering Roller-Crimp At Flowering

Frost Seeding N/A Reliable Establishment 03/01 - 05/15 Temperature/Moisture Risk N/A N/A

Can Interseed