GRASS

Wheat, Winter Triticum aestivum

This data is based on expert opinion.



Plant Hardiness Zone 7 Dataset



COVER CROP DESCRIPTION

Common cover crop. Needs vernalization (overwintering) to flower. Not likely to produce seed and will stay shorter if planted in spring. Very good N scavenger. Excellent quality forage. After well-timed grazings can still produce spring biomass or grain. Not for small grain cash crop rotations (host for same diseases and pests). Fine nurse crop for legumes. Mixes well with winter peas, hairy vetch. Shorter, slower to head means residue easier to manage than rye. Planted later in fall, matures later in spring, tolerates wetness better (but not flooding), higher spring biomass potential (but requires high fertility) than barley.





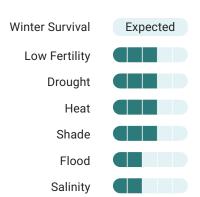
GOALS

Growing Window Long Penetrates Plow Pan **Reduces Topsoil Compaction** Nitrogen Scavenging Lasting Residue Improve Soil Organic Matter Prevent Fall Soil Erosion Increase Soil Aggregation Prevent Spring Soil Erosion Supports Mycorrhizae **Promote Water Quality Good Grazing** Forage Harvest Value Pollinator Food

WEEDS

ENVIRONMENTAL TOLERANCES

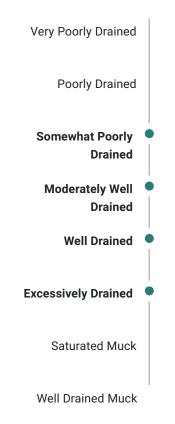




BASIC AGRONOMICS

Duration Annual Zone Use Common Shape And Orientation **Erect** Active Growth Period Winter Spring C:N Dry Matter (Lbs/A/Yr) 2000 - 5000 Soil Texture Coarse Fine Medium Soil PH 5.5 - 8 Soil Moisture Use Medium Hessian Fly Free Date? No

SOIL DRAINAGE



GROWTH

Ease Of Establishment Establishes Quickly Early Spring Growth Flowering Trigger Root Architecture Root Depth Inoculant Type None

PLANTING

Seeds Per Lb	11360
Seed Price Per Lb	888
Base Seeding Rate (Lbs/A)	50 - 90
Drilled Depth	0.75" - 1.5"
Can Aerial Seed?	No
Can Frost Seed?	No
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 09/21 - 11/01

Temperature/Moisture Risk N/A

N/A

Can Interseed