

GRASS

Barley, Winter *Hordeum vulgare*

 This data is based on expert opinion.

100 x 100

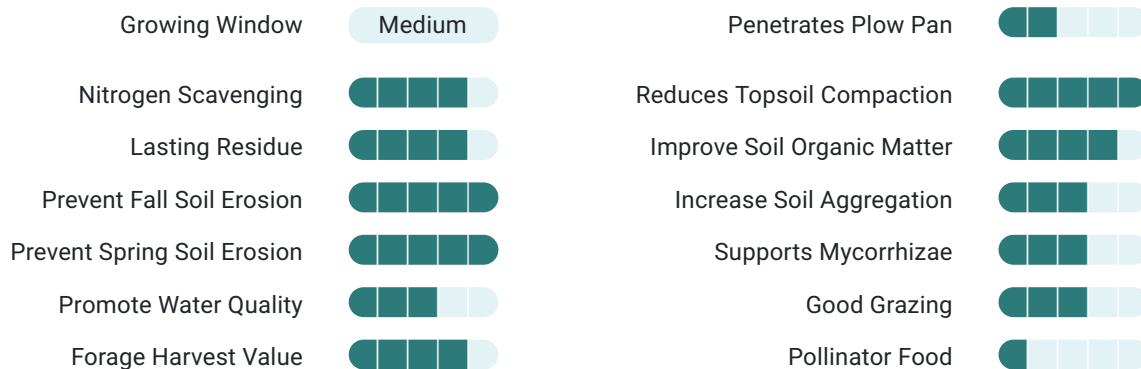
 Plant Hardiness Zone 7 Dataset

 View Photos

COVER CROP DESCRIPTION

Upright small grain. Widely used in the Northeast. Best small grain for drought, heat, salty or alkaline soils. Not for wet or acid soils. Winter barley typically needs vernalization (overwintering) to produce stalk/head/seed. May stay short and fail to flower if planted in spring. Quick growth and high biomass if fertility is good. Good weed suppressor, N scavenger, forage producer. Retains feed quality after heading. Good nurse crop for legumes. Use care when including as a cover crop in a small grain rotation (host for same diseases and pests). Bloom timing and height match crimson clover, rapeseed when used in a mix. Planted earlier in fall, matures earlier in spring than wheat. More winter-hardy than oat, less than wheat/rye. Better fall growth and tillers more than wheat/rye but more prone to frost damage.

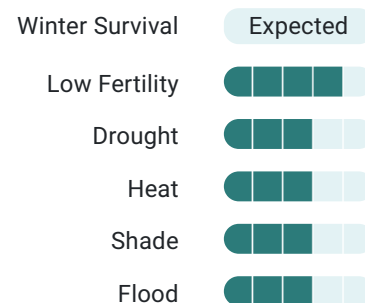
GOALS




WEEDS



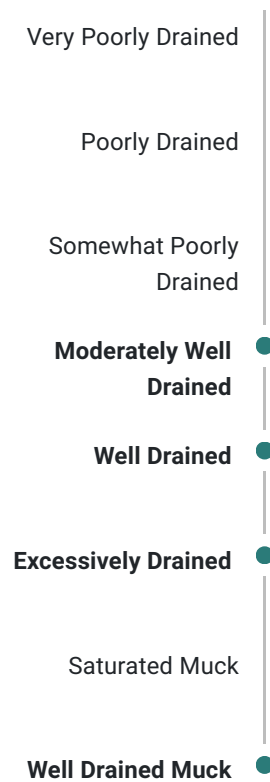
ENVIRONMENTAL TOLERANCES






BASIC AGRONOMICS

Duration	Annual
Zone Use	Common
Shape And Orientation	Erect
Active Growth Period	Fall
	Spring
C:N	
Dry Matter (Lbs/A/Yr)	2000 - 5000
Soil Texture	Medium
	Coarse
	Fine
Soil PH	6 - 8.5
Soil Moisture Use	Medium
Hessian Fly Free Date?	No


SOIL DRAINAGE






GROWTH

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

PLANTING

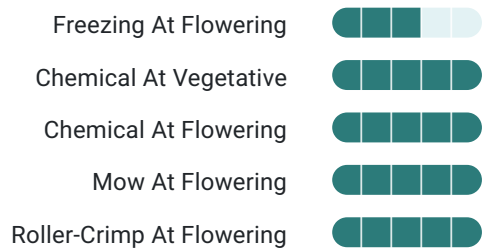
Seeds Per Lb	13600
Seed Price Per Lb	
Base Seeding Rate (Lbs/A)	60 - 100
Drilled Depth	0.75" - 1.5"
Can Aerial Seed?	No
Can Frost Seed?	No
Min Germination Temp (°F)	38

TERMINATION

Tillage At Vegetative	
Tillage At Flowering	
Freezing At Vegetative	

PLANTING DATES

Frost Seeding	N/A
Reliable Establishment	09/21 - 11/01
Temperature/Moisture Risk	N/A



Can Interseed N/A