LEGUME

Vetch, Hairy Vicia villosa

This data is based on expert opinion.



Plant Hardiness Zone 7 Dataset

View Photos

COVER CROP DESCRIPTION

Vining cool-season annual. Reliable and widely used. Very winter-hardy. Little fall growth, but fast, vining spring growth makes it excellent for N fixation, biomass. Residues release N fast. Good forage. Host to some problem nematodes. Avoided by some (especially small-grain producers) due to weed concerns. Up to 20% of seed is hard, will germinate in future as a weed. Hard seed risk can be nullified by scarifying seed. Can wrap up in equipment. Mixes especially well with rye; climbs small grain in mixes. Inoculate the seed with appropriate Rhizobium spp.; cross inoculates peas.





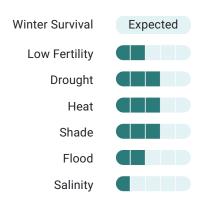
GOALS

Growing Window Medium Penetrates Plow Pan Nitrogen Scavenging **Reduces Topsoil Compaction** 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 Nitrogen Fixation

WEEDS

ENVIRONMENTAL TOLERANCES





BASIC AGRONOMICS

SOIL DRAINAGE



GROWTH

PLANTING

Ease Of Establishment	
Establishes Quickly	
Early Spring Growth	
Flowering Trigger	Long Day
Root Architecture	Тар
Root Depth	Medium

Seeds Per Lb	16320
Seed Price Per Lb	
Base Seeding Rate (Lbs/A)	15 - 30
Drilled Depth	0.5" - 1.5"
Can Aerial Seed?	No
Can Frost Seed?	No

Inoculant Type Pea/Vetch Min Germination Temp (°F) 50

TERMINATION

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

PLANTING DATES

Frost Seeding	N/A
Reliable Establishment	08/15 - 09/25
Temperature/Moisture Risk	N/A
Can Interseed	N/A