LEGUME

Pea, Spring Pisum sativum

This data is based on expert opinion.



Plant Hardiness Zone 7 Dataset

View Photos

COVER CROP DESCRIPTION

Also known as Yellow Pea or Canadian Spring Pea. Winter-kills if planted in fall. Excellent spring cover crop. Plant early for lush growth; fast-growing varieties are available. Inoculate the seed with appropriate Rhizobium spp. Cross inoculates vetch. Mixes well with spring oat, forage radish. Lower biomass and total N fixation compared to overwintered peas.





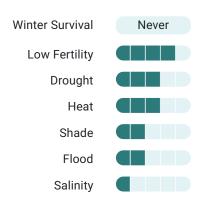
GOALS

Growing Window Short 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

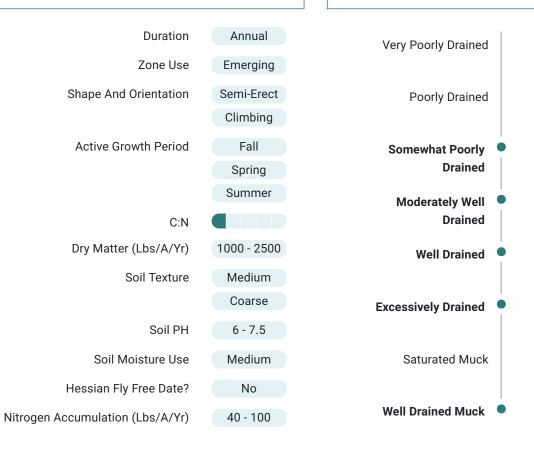
ENVIRONMENTAL TOLERANCES





BASIC AGRONOMICS

SOIL DRAINAGE



GROWTH

PLANTING

Ease Of Establishment		Seeds Per Lb	3500
Establishes Quickly		Seed Price Per Lb	888
Early Spring Growth		Base Seeding Rate (Lbs/A)	40 - 100
Flowering Trigger	Plant Size	Drilled Depth	1" - 1.5"
Root Architecture	Tap		
		Can Aerial Seed?	No
Root Depth	Shallow	Can Frost Seed?	No
Inoculant Type	Pea/Vetch		
		Min Germination Temp (°F)	42

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 02/15 - 05/15

Temperature/Moisture Risk N/A

Can Interseed

N/A