LEGUME

Clover, Red Trifolium pratense

This data is based on expert opinion.



Plant Hardiness Zone 7 Dataset

View Photos

COVER CROP DESCRIPTION

Short-lived upright perennial, often lasts two years. Often grown for hay. Best on good soils with high fertility; tolerates some wetness. Establishes readily, shade tolerant, very winter-hardy, inexpensive. Resists some problem nematodes, good taproot. Moderate to xcellent N fixation depending on planting timing. Excellent forage, blooms for pollinators. For fall-seeding, use multi-cut medium or one-cut mammoth varieties. Multi-cut "medium" types best for spring planting. Keep hayed (1/4-1/3 bloom) or clipped high to avoid seed set, keep stand vegetative. Mix with grasses like orchardgrass or fescue to moderate C:N ratio at termination. Consider seeding with spring oat nurse crop at low rate in fall or small grain that will be harvested/mowed to "release" clover understory. Inoculate with appropriate Rhizobium spp.; cross inoculates with crimson or white clover. Slower growing, must be seeded earlier and killed later than other fall-seeded legumes.









GOALS

Penetrates Plow Pan **Growing Window** Long 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

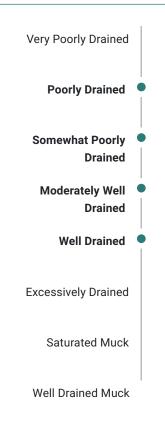




BASIC AGRONOMICS

SOIL DRAINAGE





GROWTH

PLANTING

Ease Of Establishment	
Establishes Quickly	
Early Spring Growth	
Flowering Trigger	Vernalization
Root Architecture	Тар
Root Depth	Deep
Inoculant Type	Red Clover

Seeds Per Lb	272160
Seed Price Per Lb	888
Base Seeding Rate (Lbs/A)	8 - 12
Drilled Depth	0.25" - 0.5"
Can Aerial Seed?	No
Can Frost Seed?	Yes
Min Germination Temp (°F)	

White Clover 41

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 02/15 - 03/15

Reliable Establishment 04/01 - 05/15

Temperature/Moisture Risk N/A

Can Interseed N/A