GRASS

Cereal Rye, Spring Secale cereale

This data is based on expert opinion.





Plant Hardiness Zone 7 Dataset



COVER CROP DESCRIPTION

Best choice for poor/acid soils. Tolerates wet soil. Spring cereal rye germplasm does not require vernalization (overwintering) to flower and may be less winter-hardy than winter cereal rye if planted in the fall. Good cover crop for many purposes: excellent for biomass, N scavenging, weed control. Good forage, but low quality after heading. Best choice for roller-crimping. Height, biomass, high C:N ratio at maturity can be overwhelming and may hinder a following cash crop. Potential weed if it sets seed, especially in small grain cash crops. Mix with vetch, pea.





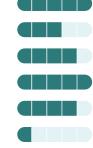


GOALS

Growing Window Medium Nitrogen Scavenging Lasting Residue Prevent Fall Soil Erosion Prevent Spring Soil Erosion **Promote Water Quality** Forage Harvest Value

Penetrates Plow Pan **Reduces Topsoil Compaction** Improve Soil Organic Matter Increase Soil Aggregation Supports Mycorrhizae **Good Grazing**

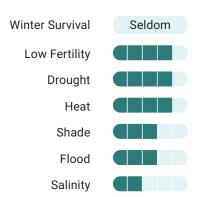
Pollinator Food



WEEDS

ENVIRONMENTAL TOLERANCES

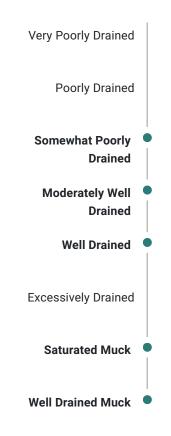




BASIC AGRONOMICS

Duration Annual Zone Use **Emerging** Shape And Orientation **Erect** Active Growth Period Spring Summer C:N Dry Matter (Lbs/A/Yr) 1000 - 4000 Soil Texture Coarse Medium Fine Soil PH 4.5 - 8.2 Soil Moisture Use High Hessian Fly Free Date? No

SOIL DRAINAGE



GROWTH

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

PLANTING

| Seeds Per Lb | 18160 |
|---------------------------|--------------|
| Seed Price Per Lb | |
| Base Seeding Rate (Lbs/A) | 40 - 90 |
| Drilled Depth | 0.75" - 1.5" |
| Can Aerial Seed? | No |
| Can Frost Seed? | No |
| Min Germination Temp (°F) | 34 |
| | |

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 02/28 - 05/15

Temperature/Moisture Risk N/A

N/A

Can Interseed