

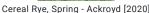


### PLANT HARDINESS ZONE 5 DATASET

## **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 may hinder a following non-legume cash crop. Potential weed if it sets seed, especially in small grain cash crops. Mixes well with legumes.







Cereal Rye, Spring - Ackroyd [2020] Cereal Rye, Spring - Bjorkman [2020] Cereal Rye, Spring - Ackroyd [2020]



# **GOALS**

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

Penetrates Plow Pan **Reduces Surface Compaction** Improve Soil Organic Matter Increase Soil Aggregation **Good Grazing** Pollinator Food



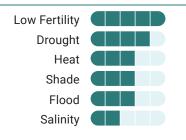
## **WEEDS**

Residue Suppresses Summer Annual Weeds **Outcompetes Summer Annual Weeds** Suppresses Winter Annual Weeds Persistence

Volunteer Establishment

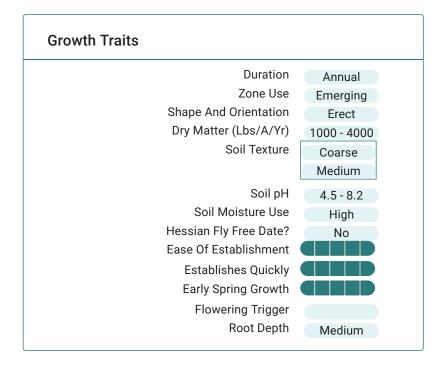


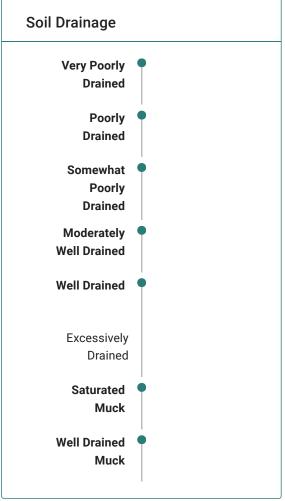
# **ENVIRONMENTAL TOLERANCES**

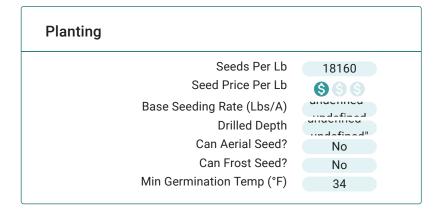


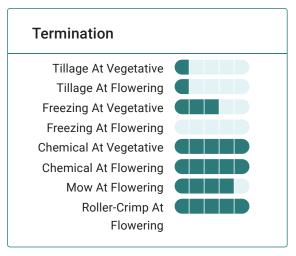


## PLANT HARDINESS ZONE 5 DATASET



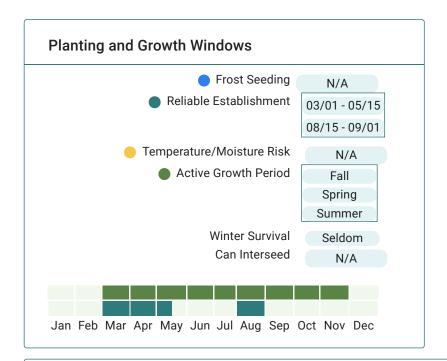








# PLANT HARDINESS ZONE 5 DATASET



## **Extended Comments**

Termination: Other notes free form here

Weeds: Can become a weed if tilled at wrong stage; Best if killed early; Not recommended before corn; Mow-kills after heading

## References & Resources

Use of Cover Crops and Green Manures to Attract Beneficial Insects, University of Connecticut Integrated Pest Management Program

Multiple Purpose Cover Crops, Northeast Organic Farming Association of Connecticut **<u>Using Green Manures</u>**, Maine Organic Farmers and Gardeners Association