

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

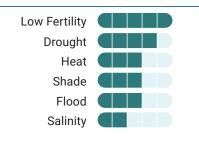
Penetrates Plow Pan **Reduces Surface Compaction** Improve Soil Organic Matter Increase Soil Aggregation **Good Grazing** Pollinator Food



WEEDS

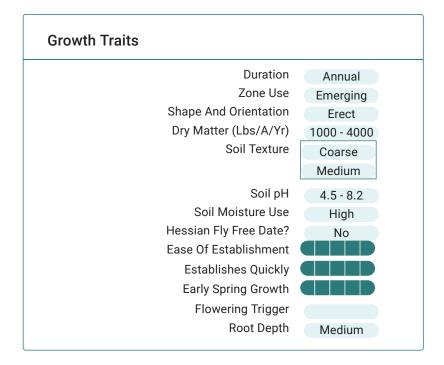
Residue Suppresses Summer Annual Weeds **Outcompetes Summer Annual Weeds** Suppresses Winter Annual Weeds Persistence Volunteer Establishment

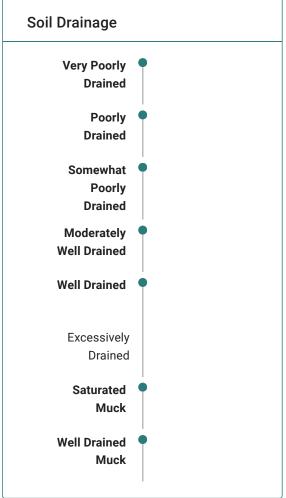
ENVIRONMENTAL TOLERANCES

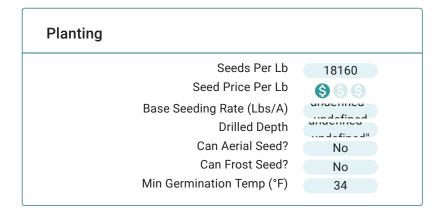


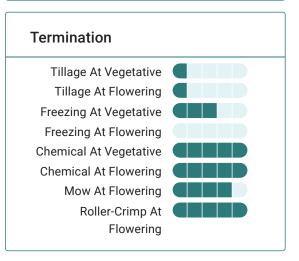


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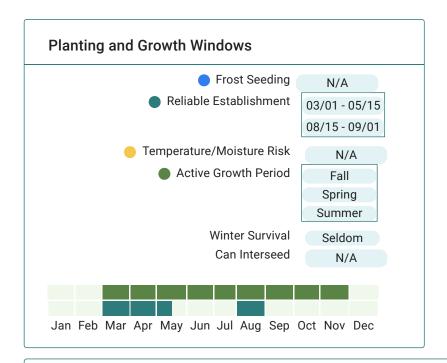








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Extended Comments

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