

Grass

## Cereal Rye, Spring

Secale cereale



### PLANT HARDINESS ZONE 6 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]

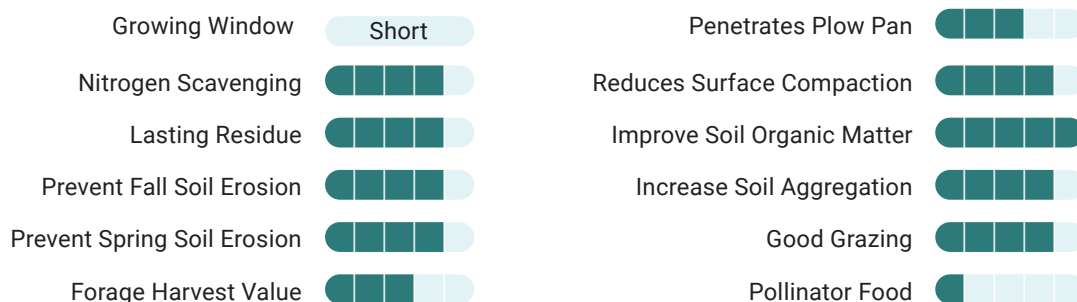


Cereal Rye, Spring - Bjorkman [2020]



Cereal Rye, Spring - Ackroyd [2020]

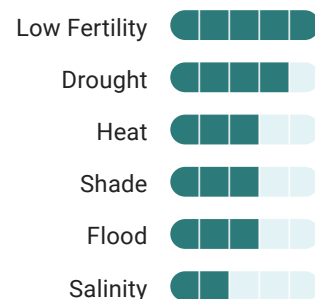
#### GOALS



#### WEEDS



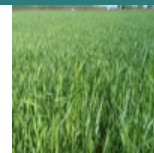
#### ENVIRONMENTAL TOLERANCES



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#### Growth Traits

Duration	Annual
Zone Use	Common
Shape And Orientation	Erect
Dry Matter (Lbs/A/Yr)	1000 - 4000
Soil Texture	<div>Coarse</div> <div>Medium</div>
Soil pH	4.5 - 8.2
Soil Moisture Use	High
Hessian Fly Free Date?	No
Ease Of Establishment	<div><div></div><div></div><div></div><div></div><div></div></div>
Establishes Quickly	<div><div></div><div></div><div></div><div></div><div></div></div>
Early Spring Growth	<div><div></div><div></div><div></div><div></div><div></div></div>
Flowering Trigger	Long Day
Root Depth	Medium

#### Soil Drainage

Very Poorly Drained	
Poorly Drained	
Somewhat Poorly Drained	<div></div>
Moderately Well Drained	<div></div>
Well Drained	<div></div>
Excessively Drained	
Saturated Muck	<div></div>
Well Drained Muck	<div></div>

#### Planting

Seeds Per Lb	18200
Seed Price Per Lb	<div>\$ \$ \$</div>
Base Seeding Rate (Lbs/A)	50 - 90
Drilled Depth	0.75" - 1.5"
Can Aerial Seed?	No
Can Frost Seed?	No
Min Germination Temp (°F)	34

#### Termination

Tillage At Vegetative	<div><div></div><div></div><div></div><div></div><div></div></div>
Tillage At Flowering	<div><div></div><div></div><div></div><div></div><div></div></div>
Freezing At Vegetative	<div><div></div><div></div><div></div><div></div><div></div></div>
Freezing At Flowering	<div><div></div><div></div><div></div><div></div><div></div></div>
Chemical At Vegetative	<div><div></div><div></div><div></div><div></div><div></div></div>
Chemical At Flowering	<div><div></div><div></div><div></div><div></div><div></div></div>
Mow At Flowering	<div><div></div><div></div><div></div><div></div><div></div></div>
Roller-Crimp At Flowering	<div><div></div><div></div><div></div><div></div><div></div></div>

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### Planting and Growth Windows

● Frost Seeding

N/A

● Reliable Establishment

03/01 - 05/15

08/15 - 10/15

● Temperature/Moisture Risk

N/A

● Active Growth Period

Spring

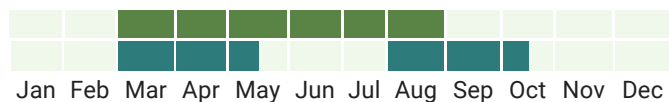
Summer

Winter Survival

Never

Can Interseed

N/A



### 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

**Fall Cover Crops**, University of Delaware Cooperative Extension

**Using Green Manures**, Maine Organic Farmers and Gardeners Association