




---

## Characteristics

---

### Conservation Plant Characteristics

***Secale cereale* L.**  
**cereal rye**  
**SECE**

---

#### Summary

Duration	Annual	Federal T/E Status
Growth Habit	Graminoid	National Wetland Indicator
U.S. Nativity		

#### Morphology/Physiology

Active Growth Period	Spring, Summer, Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Slow	Growth Form	Bunch
Bloat	None	Growth Rate	Rapid
C:N Ratio	Medium	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	3.5
Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Short
Flower Conspicuous	No	Low Growing Grass	No
Foliage Color	Green	Nitrogen Fixation	
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Moderate	Shape and Orientation	Erect
Foliage Texture	Fine	Toxicity	None
Fruit/Seed Color	Brown		

#### Growth Requirements

Adapted To Coarse Textured Soils	Yes	Moisture Use	High
Adapted To Medium Textured Soils	Yes	pH, Minimum	5.2
Adapted To Fine Textured Soils	No	pH, Maximum	8
Anaerobic Tolerance	None	Planting Density Per Acre, Minimum	
CaCO <sub>3</sub> Tolerance	Medium	Planting Density Per Acre, Maximum	
Cold Stratification Required	No	Precipitation, Minimum	8
Drought Tolerance	Medium	Precipitation, Maximum	50
Fertility Requirement	Medium	Root Depth, Minimum	8
Fire Tolerance	None	Salinity Tolerance	High
Frost Free Days, Minimum	110	Shade Tolerance	Intolerant

Hedge Tolerance	Temperature, Minimum (°F)	-33
-----------------	---------------------------	-----

**Reproduction**

Bloom Period	Early Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	No
Fruit/Seed Period Begin	Spring	Propagated By Sprigs	No
Fruit/Seed Period End	Summer	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	18160
Propagated By Bare Root	No	Seed Spread Rate	Slow
Propagated By Bulbs	No	Seedling Vigor	Medium
Propagated By Container	No	Small Grain	Yes
Propagated By Corms	No	Vegetative Spread Rate	None

**Suitability/Use**

Berry/Nut/Seed Product	No	Palatable Browse Animal	High
Christmas Tree Product	No	Palatable Graze Animal	High
Fodder Product	Yes	Palatable Human	Yes
Fuelwood Product	None	Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

***Secale cereale* L.****cereal rye****SECE****Cultivar: Aroostook****Summary**

Duration	Annual	Federal T/E Status
Growth Habit	Graminoid	National Wetland Indicator
U.S. Nativity		

**Morphology/Physiology**

Active Growth Period	Spring, Summer, Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Moderate	Growth Form	Bunch
Bloat	None	Growth Rate	Rapid
C:N Ratio	Medium	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	3.5
Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Short

Flower Conspicuous	No	Low Growing Grass	No
Foliage Color	Green	Nitrogen Fixation	
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Moderate	Shape and Orientation	Erect
Foliage Texture	Fine	Toxicity	None
Fruit/Seed Color	Brown		

### Growth Requirements

Adapted To Coarse Textured Soils	Yes	Moisture Use	High
Adapted To Medium Textured Soils	Yes	pH, Minimum	5.2
Adapted To Fine Textured Soils	No	pH, Maximum	7.5
Anaerobic Tolerance	None	Planting Density Per Acre, Minimum	
CaCO3 Tolerance	Medium	Planting Density Per Acre, Maximum	
Cold Stratification Required	No	Precipitation, Minimum	15
Drought Tolerance	Medium	Precipitation, Maximum	50
Fertility Requirement	Medium	Root Depth, Minimum	8
Fire Tolerance	Medium	Salinity Tolerance	High
Frost Free Days, Minimum	90	Shade Tolerance	Intolerant
Hedge Tolerance		Temperature, Minimum (°F)	-43

### Reproduction

Bloom Period	Early Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	No
Fruit/Seed Period Begin	Spring	Propagated By Sprigs	No
Fruit/Seed Period End	Summer	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	18160
Propagated By Bare Root	No	Seed Spread Rate	Slow
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	Yes
Propagated By Corms	No	Vegetative Spread Rate	None

### Suitibility/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	High
Christmas Tree Product	No	Palatable Graze Animal	High
Fodder Product	Yes	Palatable Human	Yes
Fuelwood Product	None	Post Product	No
Lumber Product	No	Protein Potential	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

Time Generated: 04/08/2008 12:43 PM MDT

Close Window