



Characteristics

**Conservation Plant Characteristics**

*Eragrostis spectabilis* (Pursh) Steud.  
 purple lovegrass  
 ERSR

**Summary**

Duration	Perennial	Federal T/E Status	
Growth Habit	Graminoid	National Wetland Indicator	UPL, FACU
U.S. Nativity			

**Morphology/Physiology**

Active Growth Period	Spring	Fruit/Seed Conspicuous	Yes
After Harvest Regrowth Rate	Slow	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Moderate
C:N Ratio		Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	0.9
Fall Conspicuous	No	Known Allelopath	No
Fire Resistant	No	Leaf Retention	No
Flower Color	Green	Lifespan	Moderate
Flower Conspicuous	No	Low Growing Grass	No
Foliage Color	Green	Nitrogen Fixation	
Foliage Porosity Summer	Porous	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Erect
Foliage Texture	Fine	Toxicity	None
Fruit/Seed Color	Yellow		

**Growth Requirements**

Adapted To Coarse Textured Soils	Yes	Moisture Use	Low
Adapted To Medium Textured Soils	Yes	pH, Minimum	4
Adapted To Fine Textured Soils	No	pH, Maximum	7.5
Anaerobic Tolerance	None	Planting Density Per Acre, Minimum	10912
CaCO3 Tolerance	Low	Planting Density Per Acre, Maximum	43560
Cold Stratification Required	No	Precipitation, Minimum	10
Drought Tolerance	High	Precipitation, Maximum	60
Fertility Requirement	Low	Root Depth, Minimum	4
Fire Tolerance	None	Salinity Tolerance	None
Frost Free Days, Minimum	100	Shade Tolerance	Intolerant

Hedge Tolerance	None	Temperature, Minimum (°F)	-43
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**Reproduction**

Bloom Period	Spring	Propagated By Cuttings	No
Commercial Availability	Contracting Only	Propagated By Seed	Yes
Fruit/Seed Abundance	High	Propagated By Sod	No
Fruit/Seed Period Begin	Summer	Propagated By Sprigs	No
Fruit/Seed Period End	Fall	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	1059100
Propagated By Bare Root	No	Seed Spread Rate	Slow
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Moderate

**Suitibility/Use**

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

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