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## Characteristics

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### Conservation Plant Characteristics

***Spartina pectinata* Bosc ex Link**  
**prairie cordgrass**  
**SPPE**

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#### Summary

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

#### Morphology/Physiology

Active Growth Period	Spring and Summer	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Moderate	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Rapid
C:N Ratio	High	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	8
Fall Conspicuous	No	Known Allelopath	No
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Long
Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Green	Nitrogen Fixation	
Foliage Porosity Summer	Dense	Resprout Ability	No
Foliage Porosity Winter	Moderate	Shape and Orientation	Erect
Foliage Texture	Coarse	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	6
Adapted To Fine Textured Soils	No	pH, Maximum	8.5
Anaerobic Tolerance	High	Planting Density Per Acre, Minimum	2700
CaCO <sub>3</sub> Tolerance	Medium	Planting Density Per Acre, Maximum	4800
Cold Stratification Required	No	Precipitation, Minimum	14
Drought Tolerance	Low	Precipitation, Maximum	35
Fertility Requirement	Medium	Root Depth, Minimum	18
Fire Tolerance	High	Salinity Tolerance	None
Frost Free Days, Minimum	110	Shade Tolerance	Intolerant

Hedge Tolerance

Temperature, Minimum (°F)

-38

**Reproduction**

Bloom Period	Mid Summer	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	Yes
Fruit/Seed Abundance	Low	Propagated By Sod	No
Fruit/Seed Period Begin	Summer	Propagated By Sprigs	Yes
Fruit/Seed Period End	Fall	Propagated By Tubers	No
Fruit/Seed Persistence	Yes	Seed Per Pound	
Propagated By Bare Root	No	Seed Spread Rate	Slow
Propagated By Bulbs	No	Seedling Vigor	Medium
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Rapid

**Suitibility/Use**

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

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