



Characteristics

Conservation Plant Characteristics

Spartina spartinae (Trin.) Merr. ex Hitchc.
gulf cordgrass
SPSP

Summary

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

Morphology/Physiology

Active Growth Period	Spring	Fruit/Seed Conspicuous	Yes
After Harvest Regrowth Rate	Slow	Growth Form	Bunch
Bloat	None	Growth Rate	Moderate
C:N Ratio	Low	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	6.6
Fall Conspicuous	No	Known Allelopath	No
Fire Resistant	No	Leaf Retention	No
Flower Color	Green	Lifespan	Long
Flower Conspicuous	No	Low Growing Grass	No
Foliage Color	Green	Nitrogen Fixation	
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Erect
Foliage Texture	Fine	Toxicity	None
Fruit/Seed Color	Brown		

Growth Requirements

Adapted To Coarse Textured Soils	Yes	Moisture Use	Medium
Adapted To Medium Textured Soils	Yes	pH, Minimum	5.5
Adapted To Fine Textured Soils	Yes	pH, Maximum	7.5
Anaerobic Tolerance	Medium	Planting Density Per Acre, Minimum	2728
CaCO ₃ Tolerance	Medium	Planting Density Per Acre, Maximum	3700
Cold Stratification Required	No	Precipitation, Minimum	40
Drought Tolerance	Medium	Precipitation, Maximum	50
Fertility Requirement	Medium	Root Depth, Minimum	18
Fire Tolerance	High	Salinity Tolerance	High
Frost Free Days, Minimum	250	Shade Tolerance	Intolerant

Hedge Tolerance

None

Temperature, Minimum (°F)

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Reproduction

Bloom Period	Late Summer	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	Yes
Fruit/Seed Period End	Summer	Propagated By Tubers	No
Fruit/Seed Persistence	Yes	Seed Per Pound	
Propagated By Bare Root	No	Seed Spread Rate	Moderate
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	None

Suitibility/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	
Christmas Tree Product	No	Palatable Graze Animal	High
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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