



Characteristics

Conservation Plant Characteristics

***Spartina patens* (Aiton) Muhl.**
saltmeadow cordgrass
SPPA

Summary

Duration	Perennial	Federal T/E Status	
Growth Habit	Graminoid	National Wetland Indicator	FAC, OBL
Native Status	L48 (N), PR (N), VI (N), CAN (N)		

Morphology/Physiology

Active Growth Period	Spring and Summer	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Slow	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Moderate
C:N Ratio	High	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	2
Fall Conspicuous	No	Known Allelopath	No
Fire Resistant	Yes	Leaf Retention	No
Flower Color	Yellow	Lifespan	Long
Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Green	Nitrogen Fixation	
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Erect
Foliage Texture	Medium	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	5.5
Adapted To Fine Textured Soils	Yes	pH, Maximum	7.5
Anaerobic Tolerance	High	Planting Density Per Acre, Minimum	4000
CaCO3 Tolerance	High	Planting Density Per Acre, Maximum	43000
Cold Stratification Required	No	Precipitation, Minimum	36
Drought Tolerance	Low	Precipitation, Maximum	65

Fertility Requirement	Medium	Root Depth, Minimum	10
Fire Tolerance	High	Salinity Tolerance	High
Frost Free Days, Minimum	130	Shade Tolerance	Intolerant
Hedge Tolerance	None	Temperature, Minimum (°F)	-3

Reproduction

Bloom Period	Late Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	No
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	No	Seed Per Pound	110000
Propagated By Bare Root	Yes	Seed Spread Rate	None
Propagated By Bulbs	No	Seedling Vigor	Low
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	Low
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

Spartina patens (Aiton) Muhl.
saltmeadow cordgrass
SPPA
Cultivar: Avalon

Summary

Duration	Perennial	Federal T/E Status	
Growth Habit	Graminoid	National Wetland Indicator	FAC, OBL
Native Status	L48 (N), PR (N), VI (N), CAN (N)		

Morphology/Physiology

Active Growth Period	Spring and Summer	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Slow	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Moderate
C:N Ratio	High	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	15

Fall Conspicuous	No	Known Allelopath	No
Fire Resistant	Yes	Leaf Retention	No
Flower Color	Yellow	Lifespan	Long
Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Green	Nitrogen Fixation	
Foliage Porosity Summer	Porous	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Decumbent
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	5.5
Adapted To Fine Textured Soils	Yes	pH, Maximum	7.5
Anaerobic Tolerance	High	Planting Density Per Acre, Minimum	4000
CaCO3 Tolerance	High	Planting Density Per Acre, Maximum	43000
Cold Stratification Required	No	Precipitation, Minimum	36
Drought Tolerance	Low	Precipitation, Maximum	65
Fertility Requirement	Medium	Root Depth, Minimum	10
Fire Tolerance	High	Salinity Tolerance	High
Frost Free Days, Minimum	150	Shade Tolerance	Intolerant
Hedge Tolerance	None	Temperature, Minimum (°F)	-3

Reproduction

Bloom Period	Late Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	No
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	No	Seed Per Pound	110000
Propagated By Bare Root	Yes	Seed Spread Rate	None
Propagated By Bulbs	No	Seedling Vigor	Low
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Rapid

Suitability/Use

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

***Spartina patens* (Aiton) Muhl.**
saltmeadow cordgrass
SPPA
Cultivar: Flageo

Summary

Duration	Perennial	Federal T/E Status	
Growth Habit	Graminoid	National Wetland Indicator	FAC, OBL
Native Status	L48 (N), PR (N), VI (N), CAN (N)		

Morphology/Physiology

Active Growth Period	Spring and Summer	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Slow	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Moderate
C:N Ratio	High	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	2.5
Fall Conspicuous	No	Known Allelopath	No
Fire Resistant	Yes	Leaf Retention	No
Flower Color	Yellow	Lifespan	Long
Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Green	Nitrogen Fixation	
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Porous	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	5.5
Adapted To Fine Textured Soils	Yes	pH, Maximum	7.5
Anaerobic Tolerance	High	Planting Density Per Acre, Minimum	4000
CaCO3 Tolerance	High	Planting Density Per Acre, Maximum	43000
Cold Stratification Required	No	Precipitation, Minimum	36
Drought Tolerance	Low	Precipitation, Maximum	65
Fertility Requirement	Medium	Root Depth, Minimum	10

Fire Tolerance	High	Salinity Tolerance	High
Frost Free Days, Minimum	160	Shade Tolerance	Intolerant
Hedge Tolerance	None	Temperature, Minimum (°F)	7

Reproduction

Bloom Period	Mid Spring	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	No
Fruit/Seed Abundance	Low	Propagated By Sod	No
Fruit/Seed Period Begin	Spring	Propagated By Sprigs	Yes
Fruit/Seed Period End	Fall	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	110000
Propagated By Bare Root	Yes	Seed Spread Rate	None
Propagated By Bulbs	No	Seedling Vigor	Low
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	Low
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

***Spartina patens* (Aiton) Muhl.**
saltmeadow cordgrass
SPPA
Cultivar: Sharp

Summary

Duration	Perennial	Federal T/E Status	
Growth Habit	Graminoid	National Wetland Indicator	FAC, OBL
Native Status	L48 (N), PR (N), VI (N), CAN (N)		

Morphology/Physiology

Active Growth Period	Spring and Summer	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Slow	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Moderate
C:N Ratio	Medium	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	3.2
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	Dark Green	Nitrogen Fixation	
Foliage Porosity Summer	Moderate	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Erect
Foliage Texture	Coarse	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	5.3
Adapted To Fine Textured Soils	Yes	pH, Maximum	7.5
Anaerobic Tolerance	High	Planting Density Per Acre, Minimum	11000
CaCO3 Tolerance	Medium	Planting Density Per Acre, Maximum	19000
Cold Stratification Required	No	Precipitation, Minimum	32
Drought Tolerance	Medium	Precipitation, Maximum	65
Fertility Requirement	Medium	Root Depth, Minimum	10
Fire Tolerance	High	Salinity Tolerance	High
Frost Free Days, Minimum	280	Shade Tolerance	Intolerant
Hedge Tolerance	None	Temperature, Minimum (°F)	12

Reproduction

Bloom Period	Early Summer	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	No
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	No	Seed Per Pound	110000
Propagated By Bare Root	No	Seed Spread Rate	Slow
Propagated By Bulbs	No	Seedling Vigor	Low
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Rapid

Suitability/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	Low
Christmas Tree Product	No	Palatable Graze Animal	Low
Fodder Product	No	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	Yes	Veneer Product	No

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