



Characteristics

Conservation Plant Characteristics

Stenotaphrum secundatum (Walter) Kuntze
St. Augustine grass
STSE

Summary

Duration	Perennial	Federal T/E Status	
Growth Habit	Graminoid	National Wetland Indicator	FAC, FAC+
Native Status			

Morphology/Physiology

Active Growth Period	Summer and Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Rapid	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Rapid
C:N Ratio	Medium	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		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	Prostrate
Foliage Texture	Coarse	Toxicity	None
Fruit/Seed Color			

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	High
Adapted To Medium Textured Soils	Yes	pH, Minimum	4.8
Adapted To Fine Textured Soils	Yes	pH, Maximum	7.5
Anaerobic Tolerance	None	Planting Density Per Acre, Minimum	10000
CaCO3 Tolerance	Medium	Planting Density Per Acre, Maximum	43000
Cold Stratification Required	No	Precipitation, Minimum	40
Drought Tolerance	Low	Precipitation, Maximum	60
Fertility Requirement	High	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	None
Frost Free Days, Minimum	200	Shade Tolerance	Tolerant

Hedge Tolerance		Temperature, Minimum (°F)	2
Reproduction			
Bloom Period		Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	No
Fruit/Seed Abundance		Propagated By Sod	Yes
Fruit/Seed Period Begin		Propagated By Sprigs	Yes
Fruit/Seed Period End		Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	0
Propagated By Bare Root	No	Seed Spread Rate	None
Propagated By Bulbs	No	Seedling Vigor	
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	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

Stenotaphrum secundatum (Walter) Kuntze
St. Augustine grass
STSE
Cultivar: Delmar

Summary			
Duration	Perennial	Federal T/E Status	
Growth Habit	Graminoid	National Wetland Indicator	FAC, FAC+
Native Status			

Morphology/Physiology			
Active Growth Period	Summer and Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Rapid	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Rapid
C:N Ratio	Medium	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		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	Prostrate
Foliage Texture	Coarse	Toxicity	None
Fruit/Seed Color			

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	High
Adapted To Medium Textured Soils	Yes	pH, Minimum	4.8
Adapted To Fine Textured Soils	Yes	pH, Maximum	7.5
Anaerobic Tolerance	None	Planting Density Per Acre, Minimum	10000
CaCO3 Tolerance	Medium	Planting Density Per Acre, Maximum	43000
Cold Stratification Required	No	Precipitation, Minimum	40
Drought Tolerance	Low	Precipitation, Maximum	60
Fertility Requirement	High	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	None
Frost Free Days, Minimum	220	Shade Tolerance	Tolerant
Hedge Tolerance		Temperature, Minimum (°F)	12

Reproduction

Bloom Period		Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	No
Fruit/Seed Abundance		Propagated By Sod	Yes
Fruit/Seed Period Begin		Propagated By Sprigs	Yes
Fruit/Seed Period End		Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	0
Propagated By Bare Root	No	Seed Spread Rate	None
Propagated By Bulbs	No	Seedling Vigor	
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	Medium
Fodder Product	Yes	Palatable Human	No
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

***Stenotaphrum secundatum* (Walter) Kuntze**

St. Augustine grass
STSE
Cultivar: FX-10

Summary

Duration	Perennial	Federal T/E Status	
Growth Habit	Graminoid	National Wetland Indicator	FAC, FAC+
Native Status			

Morphology/Physiology

Active Growth Period	Summer and Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Moderate	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Moderate
C:N Ratio	Low	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	0.6
Fall Conspicuous	No	Known Allelopath	No
Fire Resistant	Yes	Leaf Retention	No
Flower Color		Lifespan	Short
Flower Conspicuous	No	Low Growing Grass	Yes
Foliage Color	Gray-Green	Nitrogen Fixation	
Foliage Porosity Summer	Dense	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Prostrate
Foliage Texture	Fine	Toxicity	None
Fruit/Seed Color			

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	Medium
Adapted To Medium Textured Soils	Yes	pH, Minimum	6.5
Adapted To Fine Textured Soils	Yes	pH, Maximum	7.5
Anaerobic Tolerance	None	Planting Density Per Acre, Minimum	10000
CaCO3 Tolerance	Low	Planting Density Per Acre, Maximum	43000
Cold Stratification Required	No	Precipitation, Minimum	30
Drought Tolerance	Medium	Precipitation, Maximum	60
Fertility Requirement	Medium	Root Depth, Minimum	12
Fire Tolerance	Medium	Salinity Tolerance	Medium
Frost Free Days, Minimum	180	Shade Tolerance	Intermediate
Hedge Tolerance		Temperature, Minimum (°F)	12

Reproduction

Bloom Period		Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	No
Fruit/Seed Abundance		Propagated By Sod	Yes
Fruit/Seed Period Begin		Propagated By Sprigs	Yes

Fruit/Seed Period End		Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	0
Propagated By Bare Root	No	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	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

Stenotaphrum secundatum* (Walter) Kuntze*St. Augustine grass****STSE****Cultivar: Floratine**

Summary

Duration	Perennial	Federal T/E Status	
Growth Habit	Graminoid	National Wetland Indicator	FAC, FAC+
Native Status			

Morphology/Physiology

Active Growth Period	Summer and Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Rapid	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Rapid
C:N Ratio	Medium	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		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	Prostrate
Foliage Texture	Coarse	Toxicity	None
Fruit/Seed Color			

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	High
Adapted To Medium Textured Soils	No	pH, Minimum	4.8
Adapted To Fine Textured Soils	Yes	pH, Maximum	7.5
Anaerobic Tolerance	None	Planting Density Per Acre, Minimum	10000
CaCO3 Tolerance	Medium	Planting Density Per Acre, Maximum	43000
Cold Stratification Required	No	Precipitation, Minimum	40
Drought Tolerance	Low	Precipitation, Maximum	60
Fertility Requirement	High	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	None
Frost Free Days, Minimum	230	Shade Tolerance	Tolerant
Hedge Tolerance		Temperature, Minimum (°F)	17

Reproduction

Bloom Period		Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	No
Fruit/Seed Abundance		Propagated By Sod	Yes
Fruit/Seed Period Begin		Propagated By Sprigs	Yes
Fruit/Seed Period End		Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	0
Propagated By Bare Root	No	Seed Spread Rate	None
Propagated By Bulbs	No	Seedling Vigor	
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	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

Stenotaphrum secundatum (Walter) Kuntze
St. Augustine grass
STSE
Cultivar: Raleigh

Summary

Duration	Perennial	Federal T/E Status	
Growth Habit	Graminoid	National Wetland Indicator	FAC, FAC+

Native Status

Morphology/Physiology

Active Growth Period	Summer and Fall	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Rapid	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Rapid
C:N Ratio	Medium	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		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	Prostrate
Foliage Texture	Coarse	Toxicity	None
Fruit/Seed Color			

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	High
Adapted To Medium Textured Soils	No	pH, Minimum	4.8
Adapted To Fine Textured Soils	Yes	pH, Maximum	7.5
Anaerobic Tolerance	None	Planting Density Per Acre, Minimum	10000
CaCO3 Tolerance	Medium	Planting Density Per Acre, Maximum	43000
Cold Stratification Required	No	Precipitation, Minimum	40
Drought Tolerance	Low	Precipitation, Maximum	60
Fertility Requirement	High	Root Depth, Minimum	18
Fire Tolerance	High	Salinity Tolerance	None
Frost Free Days, Minimum	200	Shade Tolerance	Tolerant
Hedge Tolerance		Temperature, Minimum (°F)	2

Reproduction

Bloom Period		Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	No
Fruit/Seed Abundance		Propagated By Sod	Yes
Fruit/Seed Period Begin		Propagated By Sprigs	Yes
Fruit/Seed Period End		Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	0
Propagated By Bare Root	No	Seed Spread Rate	None
Propagated By Bulbs	No	Seedling Vigor	
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	Medium
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

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