



Characteristics

Conservation Plant Characteristics

***Bothriochloa saccharoides* (Sw.) Rydb.**
silver bluestem
BOSA

Summary

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

Morphology/Physiology

Active Growth Period	Summer	Fruit/Seed Conspicuous	No
After Harvest Regrowth Rate	Moderate	Growth Form	Bunch
Bloat	None	Growth Rate	Moderate
C:N Ratio		Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	2
Fall Conspicuous	Yes	Known Allelopath	No
Fire Resistant	Yes	Leaf Retention	No
Flower Color		Lifespan	Short
Flower Conspicuous	Yes	Low Growing Grass	Yes
Foliage Color	Green	Nitrogen Fixation	
Foliage Porosity Summer	Porous	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Semi-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	6.5
Adapted To Fine Textured Soils	No	pH, Maximum	7.2
Anaerobic Tolerance	None	Planting Density Per Acre, Minimum	
CaCO3 Tolerance	Medium	Planting Density Per Acre, Maximum	
Cold Stratification Required	No	Precipitation, Minimum	10
Drought Tolerance	High	Precipitation, Maximum	48
Fertility Requirement	Low	Root Depth, Minimum	12
Fire Tolerance	High	Salinity Tolerance	Low
Frost Free Days, Minimum	140	Shade Tolerance	Intolerant

Hedge Tolerance	Temperature, Minimum (°F)	-23
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Reproduction

Bloom Period	Summer	Propagated By Cuttings	No
Commercial Availability	Contracting Only	Propagated By Seed	Yes
Fruit/Seed Abundance	Medium	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	80000
Propagated By Bare Root	No	Seed Spread Rate	Moderate
Propagated By Bulbs	No	Seedling Vigor	Medium
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	Moderate

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

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