



Characteristics

**Conservation Plant Characteristics**

*Sorghum halepense* (L.) Pers.  
**Johnsongrass**  
**SOHA**

**Summary**

Duration	Perennial	Federal T/E Status	
Growth Habit	Graminoid	National Wetland Indicator	FACU-, FAC
U.S. Nativity			

**Morphology/Physiology**

Active Growth Period	Summer and Fall	Fruit/Seed Conspicuous	Yes
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	3.5
Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Long
Flower Conspicuous	No	Low Growing Grass	No
Foliage Color	Green	Nitrogen Fixation	
Foliage Porosity Summer	Dense	Resprout Ability	No
Foliage Porosity Winter	Moderate	Shape and Orientation	Erect
Foliage Texture	Coarse	Toxicity	Slight
Fruit/Seed Color	Brown		

**Growth Requirements**

Adapted To Coarse Textured Soils	Yes	Moisture Use	High
Adapted To Medium Textured Soils	Yes	pH, Minimum	5
Adapted To Fine Textured Soils	Yes	pH, Maximum	7
Anaerobic Tolerance	Low	Planting Density Per Acre, Minimum	4800
CaCO3 Tolerance	Low	Planting Density Per Acre, Maximum	11000
Cold Stratification Required	No	Precipitation, Minimum	32
Drought Tolerance	Low	Precipitation, Maximum	60
Fertility Requirement	Medium	Root Depth, Minimum	10
Fire Tolerance	High	Salinity Tolerance	Low
Frost Free Days, Minimum	165	Shade Tolerance	Intolerant

Hedge Tolerance	None	Temperature, Minimum (°F)	-13
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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	Summer	Propagated By Sprigs	Yes
Fruit/Seed Period End	Fall	Propagated By Tubers	No
Fruit/Seed Persistence	No	Seed Per Pound	119280
Propagated By Bare Root	No	Seed Spread Rate	Rapid
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	Yes
Propagated By Corms	No	Vegetative Spread Rate	Rapid

**Suitibility/Use**

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