



Characteristics

**Conservation Plant Characteristics**

*Sorghum bicolor* (L.) Moench ssp. *bicolor*  
**grain sorghum**  
**SOBIB**

**Summary**

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

**Morphology/Physiology**

Active Growth Period	Summer and Fall	Fruit/Seed Conspicuous	Yes
After Harvest Regrowth Rate	Rapid	Growth Form	Bunch
Bloat	None	Growth Rate	Rapid
C:N Ratio	Low	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	8
Fall Conspicuous	No	Known Allelopath	Yes
Fire Resistant	No	Leaf Retention	No
Flower Color	Yellow	Lifespan	Short
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	Moderate
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	None	Planting Density Per Acre, Minimum	
CaCO3 Tolerance	Low	Planting Density Per Acre, Maximum	
Cold Stratification Required	No	Precipitation, Minimum	18
Drought Tolerance	High	Precipitation, Maximum	60
Fertility Requirement	High	Root Depth, Minimum	12
Fire Tolerance	Low	Salinity Tolerance	Medium
Frost Free Days, Minimum	60	Shade Tolerance	Intolerant

