



Characteristics

Conservation Plant Characteristics

***Setaria italica* (L.) P. Beauv.**
foxtail bristleglass
SEIT

Summary

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

Morphology/Physiology

Active Growth Period	Spring and Summer	Fruit/Seed Conspicuous	Yes
After Harvest Regrowth Rate	None	Growth Form	Bunch
Bloat	None	Growth Rate	Rapid
C:N Ratio	Medium	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	5
Fall Conspicuous	Yes	Known Allelopath	No
Fire Resistant	No	Leaf Retention	No
Flower Color	White	Lifespan	Short
Flower Conspicuous	No	Low Growing Grass	No
Foliage Color	Green	Nitrogen Fixation	
Foliage Porosity Summer	Porous	Resprout Ability	No
Foliage Porosity Winter	Porous	Shape and Orientation	Erect
Foliage Texture	Fine	Toxicity	None
Fruit/Seed Color	Brown		

Growth Requirements

Adapted To Coarse Textured Soils	No	Moisture Use	Low
Adapted To Medium Textured Soils	Yes	pH, Minimum	5.3
Adapted To Fine Textured Soils	Yes	pH, Maximum	6.9
Anaerobic Tolerance	None	Planting Density Per Acre, Minimum	
CaCO ₃ Tolerance	None	Planting Density Per Acre, Maximum	
Cold Stratification Required	No	Precipitation, Minimum	25
Drought Tolerance	Low	Precipitation, Maximum	60
Fertility Requirement	Low	Root Depth, Minimum	8
Fire Tolerance	None	Salinity Tolerance	Low
Frost Free Days, Minimum	110	Shade Tolerance	Intolerant

Hedge Tolerance

Temperature, Minimum (°F)

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Reproduction

Bloom Period	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	Fall	Propagated By Sprigs	No
Fruit/Seed Period End	Winter	Propagated By Tubers	No
Fruit/Seed Persistence	Yes	Seed Per Pound	216600
Propagated By Bare Root	No	Seed Spread Rate	Moderate
Propagated By Bulbs	No	Seedling Vigor	High
Propagated By Container	No	Small Grain	No
Propagated By Corms	No	Vegetative Spread Rate	None

Suitibility/Use

Berry/Nut/Seed Product	No	Palatable Browse Animal	Medium
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	Low
Naval Store Product	No	Pulpwood Product	No
Nursery Stock Product	No	Veneer Product	No

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