



Characteristics

**Conservation Plant Characteristics**

*Phragmites australis* (Cav.) Trin. ex Steud.  
**common reed**  
**PHAU7**

**Summary**

Duration	Perennial	Federal T/E Status	
Growth Habit	Subshrub, Shrub, Graminoid	National Wetland Indicator	FACW, OBL
U.S. Nativity			

**Morphology/Physiology**

Active Growth Period	Spring	Fruit/Seed Conspicuous	Yes
After Harvest Regrowth Rate	Moderate	Growth Form	Rhizomatous
Bloat	None	Growth Rate	Rapid
C:N Ratio	High	Height at Base Age, Maximum	
Coppice Potential	No	Height at Maturity	13.1
Fall Conspicuous	No	Known Allelopath	No
Fire Resistant	No	Leaf Retention	No
Flower Color	White	Lifespan	Long
Flower Conspicuous	No	Low Growing Grass	No
Foliage Color	Green	Nitrogen Fixation	Low
Foliage Porosity Summer	Dense	Resprout Ability	No
Foliage Porosity Winter	Moderate	Shape and Orientation	Erect
Foliage Texture	Coarse	Toxicity	None
Fruit/Seed Color	White		

**Growth Requirements**

Adapted To Coarse Textured Soils	Yes	Moisture Use	Medium
Adapted To Medium Textured Soils	Yes	pH, Minimum	4.5
Adapted To Fine Textured Soils	Yes	pH, Maximum	8
Anaerobic Tolerance	High	Planting Density Per Acre, Minimum	3450
CaCO3 Tolerance	Medium	Planting Density Per Acre, Maximum	4800
Cold Stratification Required	No	Precipitation, Minimum	12
Drought Tolerance	Low	Precipitation, Maximum	60

Fertility Requirement	Medium	Root Depth, Minimum	20
Fire Tolerance	High	Salinity Tolerance	Low
Frost Free Days, Minimum	110	Shade Tolerance	Intolerant
Hedge Tolerance	Low	Temperature, Minimum (°F)	-38

**Reproduction**

Bloom Period	Summer	Propagated By Cuttings	No
Commercial Availability	Routinely Available	Propagated By Seed	No
Fruit/Seed Abundance	Medium	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	Yes	Seed Per Pound	
Propagated By Bare Root	No	Seed Spread Rate	Slow
Propagated By Bulbs	No	Seedling Vigor	High
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	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	No	Veneer Product	No

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