

# Wetland Seed Mix for Saturated Soils (0-2" Water Depth, Non-Sandy Soils)

## Grasses & Sedges

CODE	SCIENTIFIC NAME	COMMON NAME	HEIGHT	BLOOM COLOR	BLOOM TIME	% OF MIX		GERMINATION
			Min-Max			by Weight	by Seed Count	
CALCAN	<i>Calamagrostis canadensis</i>	Blue Joint Grass	2-5'	N/A	June-August	0.70%	2.58%	CS
CXSCOP	<i>Carex scoparia</i>	Lance-fruited Oval Sedge	1-3'	N/A	May-July	4.20%	4.65%	60CM
CXTRIB	<i>Carex tribuloides</i>	Awl-fruited Oval Sedge	1.5-3'	N/A	June-July	2.80%	4.43%	60CM
CXVULP	<i>Carex vulpinoidea</i>	Brown Fox Sedge	1.5-3.5'	N/A	May-July	11.19%	14.76%	60CM
ELEPAL	<i>Eleocharis palustris</i>	Great Spike Rush	1-3.5'	N/A	May-August	1.40%	0.94%	60CM
JUNDUD	<i>Juncus dudleyi</i>	Dudley's Rush	1-2.5'	Green-Brown	May-July	0.35%	14.76%	60CM
JUNEFF	<i>Juncus effusus</i>	Common Rush	2-4'	Green-Brown	July-September	0.35%	4.61%	60CM
LEEORY	<i>Leersia oryzoides</i>	Rice Cut Grass	2-4'	N/A	July-October	5.59%	2.51%	N/A
SCHTAB	<i>Schoenoplectus tabernaemontani</i>	Great Bulrush	4-7'	N/A	June-July	2.80%	1.14%	60CM, OW
SCIATR	<i>Scirpus atrovirens</i>	Dark-green Bulrush	2-6'	N/A	June-August	1.40%	8.49%	60CM, OW
SPAPEC	<i>Spartina pectinata</i>	Cord Grass	3-9'	N/A	July-September	16.78%	1.46%	N/A
<b>Subtotal of Grasses</b>						<b>47.55%</b>	<b>60.33%</b>	

## Flowers

CODE	SCIENTIFIC NAME	COMMON NAME	HEIGHT	BLOOM COLOR	BLOOM TIME	% OF MIX		GERMINATION
			Min-Max			by Weight	by Seed Count	
ALISUB	<i>Alisma subcordatum</i>	Mud Plantain	1-3'	White	June-September	2.80%	2.21%	30CM
ASCINC	<i>Asclepias incarnata</i>	Swamp Milkweed	3-6'	Pink	August-September	11.19%	0.71%	30CM
EUPPER	<i>Eupatorium perfoliatum</i>	Boneset	3-4'	White	July-September	1.40%	2.95%	30CM
EUTMAC	<i>Eutrochium maculatum</i>	Spotted Joe Pye Weed	3-6'	Pink	July-September	1.40%	1.75%	30CM
HELAUT	<i>Helenium autumnale</i>	Sneezeweed	2-5'	Yellow	August-October	2.80%	4.80%	N/A
IRIVIS	<i>Iris virginica var. shrevei</i>	Southern Blue Flag	1-3'	Purple	May-July	8.39%	0.11%	120CM, OW
MIMRIN	<i>Mimulus ringens</i>	Monkey Flower	1-3'	Purple	July-September	0.35%	10.61%	60CM
NAPDIO	<i>Napaea dioica</i>	Glade Mallow	4-9'	White	June-August	5.59%	0.39%	60CM
PHYVIR	<i>Physostegia virginiana</i>	Obedient Plant	3-4'	Pink	August-September	2.80%	0.41%	60CM
PYCVIR	<i>Pycnanthemum virginianum</i>	Virginia Mountain Mint	1-4'	White	July-September	1.40%	4.06%	N/A
SAGLAT	<i>Sagittaria latifolia</i>	Common Arrowhead	1-3'	White	June-September	2.80%	2.25%	60CM
SILPER	<i>Silphium perfoliatum</i>	Cup Plant	6-10'	Yellow	July-September	0.35%	0.01%	60CM
SYMNOV	<i>Symphotrichum novae-angliae</i>	New England Aster	3-5'	Purple	August-October	1.40%	1.22%	60CM
VERFAS	<i>Vernonia fasciculata</i>	Common Ironweed	3-6'	Purple	July-October	4.20%	1.33%	60CM
VERHAS	<i>Verbena hastata</i>	Blue Vervain	2-6'	Yellow	July-September	5.59%	6.86%	30CM
<b>Subtotal of Flowers</b>						<b>52.45%</b>	<b>39.67%</b>	
<b>BASE MIX TOTALS</b>						<b>100.00%</b>	<b>100.00%</b>	

## MIX SUMMARY

Physical Characteristics of This Mix		Quality Characteristics of This Mix	
Average Mix Height in Feet (by Seed Count)	3.3	Number of Native Species in the Mix (Species Richness)	26.0
LBS of Grass Species in the Mix	2.1	Native FQI	23.5
LBS of Flower Species in the Mix	2.3	Native Mean C-Value	4.6
TOTAL LBS of Native Seed	4.5	Native Mean W Value	-4.0
Seeds per Square Foot - TOTAL MIX	124.4	% of Mix by Seed Count - Grasses	6.55%
Seeds per Square Foot - Native Species Only	124.4	% of Mix by Seed Count - Sedges	53.78%
Seeds per Square Foot - Perennial Native Species Only	124.4	% of Mix by Seed Count - Perennial Flowers	30.81%
Percent of Mix (by Seed Count) Requiring Stratification (30+)	84.6%		

## GERMINATION CODES

N/A: Seed should germinate upon sowing in a warm location; no pretreatment necessary  
 #CM: Seeds germinate after a period of cold, moist stratification, # indicates number of days required  
 CS: Seeds germinate most successfully in cool soil  
 X: Seeds need scarification  
 F: Best planted as fresh seed immediately following harvest or keep cold after harvest  
 OW: Best planted outdoors in the fall to naturally over-winter  
 B: Best germination may occur in conjunction with burning of the site  
 TRI: Seeds germinate after a cycle of cold moist, warm moist, cold moist stratification  
 ?: Stratification needs have not been identified

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