

IL CP2 Wet Soil Mix for CRP Plantings

Grasses & Sedges

CODE	SCIENTIFIC NAME	COMMON NAME	HEIGHT	BLOOM COLOR	BLOOM TIME	% OF MIX		GERMINATION	SURFACE SOWN
			Min-Max			by Weight	by Seed Count		
ANDGER	<i>Andropogon gerardii</i>	Big Bluestem	6-8'	N/A	August-October	48.85%	17.88%	N/A	
CXCRIS	<i>Carex cristatella</i>	Crested Oval Sedge	2-4'	N/A	June-July	0.76%	1.62%	60CM	
CXTRIB	<i>Carex tribuloides</i>	Aw-fruited Oval Sedge	1.5-3'	N/A	June-July	1.53%	6.70%	60CM	X
CXVULP	<i>Carex vulpinoidea</i>	Brown Fox Sedge	1.5-3.5'	N/A	May-July	3.05%	11.17%	60CM	X
ELYVIR	<i>Elymus virginicus</i>	Virginia Wild Rye	2.5-4'	N/A	July-August	12.21%	1.88%	N/A	
PANVIR	<i>Panicum virgatum</i>	Switch Grass	3-6'	Green-Tan	July-September	9.16%	4.69%	N/A	
SCHSCO	<i>Schizachyrium scoparium</i>	Little Bluestem	3-4'	Green	July-October	12.21%	6.70%	N/A	
SCIATR	<i>Scirpus atrovirens</i>	Dark-green Bulrush	2-6'	N/A	June-August	2.29%	38.55%	60CM, OW	X
SORNUT	<i>Sorghastrum nutans</i>	Indian Grass	3-7'	Bronze	August-October	1.53%	0.67%	N/A	
Subtotal of Grasses						91.60%	89.87%		

Flowers

CODE	SCIENTIFIC NAME	COMMON NAME	HEIGHT	BLOOM COLOR	BLOOM TIME	% OF MIX		GERMINATION	SURFACE SOWN
			Min-Max			by Weight	by Seed Count		
ASCINC	<i>Asclepias incarnata</i>	Swamp Milkweed	3-6'	Pink	August-September	3.05%	0.54%	30CM	
CORTRI	<i>Coreopsis tripteris</i>	Tall Coreopsis	3-8'	Yellow	July-October	0.76%	0.39%	60CM	
ERYYUC	<i>Eryngium yuccifolium</i>	Rattlesnake Master	2-5'	White	July-September	0.76%	0.21%	60CM	
HELAUT	<i>Helenium autumnale</i>	Sneezeweed	2-5'	Yellow	August-October	0.76%	3.63%	N/A	X
PENDIG	<i>Penstemon digitalis</i>	Foxglove Beardtongue	2-4'	White	May-July	0.38%	1.82%	60CM, CS, OW	X
VERHAS	<i>Verbena hastata</i>	Blue Vervain	2-6'	Yellow	July-September	0.76%	2.60%	30CM	X
VERFAS	<i>Vernonia fasciculata</i>	Common Ironweed	3-6'	Purple	July-October	0.38%	0.34%	60CM	
ZIZAUR	<i>Zizia aurea</i>	Golden Alexanders	1-2.5'	Yellow	May-June	1.53%	0.61%	60CM, CS	X
Subtotal of Flowers						8.40%	10.13%		
BASE MIX TOTALS						100.00%	100.00%		

MIX SUMMARY

Physical Characteristics of This Mix		Quality Characteristics of This Mix	
Average Mix Height in Feet (by Seed Count)	4.7	Number of Native Species in the Mix (Species Richness)	17.0
LBS of Grass Species in the Mix	1.9	Native FQI	20.1
LBS of Flower Species in the Mix	0.2	Native Mean C-Value	4.9
TOTAL LBS of Native Seed	2.0	Native Mean W Value	-1.6
Seeds per Square Foot - TOTAL MIX	20.5	% of Mix by Seed Count - Grasses	31.82%
Seeds per Square Foot - Native Species Only	20.5	% of Mix by Seed Count - Sedges	58.05%
Seeds per Square Foot - Perennial Native Species Only	20.5	% of Mix by Seed Count - Perennial Flowers	10.13%
Percent of Mix (by Seed Count) Requiring Stratification (30+)	64.5%		

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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