

IL CP42 Dry Soil Mix for CRP Pollinator 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	1.86%	1.14%	N/A	
BOUCUR	<i>Bouteloua curtipendula</i>	Side-Oats Grama	1.5-2.5'		N/A	July-October	22.33%	8.22%	N/A	
CXBICK	<i>Carex bicknellii</i>	Copper-shouldered Oval Sedge	1.5-2.5'		N/A	May-June	0.47%	0.49%	60CM	
CXMOLE	<i>Carex molesta</i>	Field Oval Sedge	1-2.5'		N/A	May-June	1.86%	2.85%	60CM	
ELYCAN	<i>Elymus canadensis</i>	Canada Wild Rye	3-5'		N/A	July-September	7.44%	2.37%	N/A	
PANVIR	<i>Panicum virgatum</i>	Switch Grass	3-6'		Green-Tan	July-September	0.93%	0.80%	N/A	
SCHSCO	<i>Schizachyrium scoparium</i>	Little Bluestem	3-4'		Green	July-October	11.16%	10.28%	N/A	
Subtotal of Grasses							46.05%	26.15%		

Flowers

CODE	SCIENTIFIC NAME	COMMON NAME	HEIGHT		BLOOM COLOR	BLOOM TIME	% OF MIX		GERMINATION	SURFACE SOWN
			Min	Max			by Weight	by Seed Count		
ASTCAN	<i>Astragalus canadensis</i>	Canada Milk Vetch	2-4'		Cream	June-October	2.79%	2.91%	10CM, X	
ASCSYR	<i>Asclepias syriaca</i>	Common Milkweed	2-6'		Pink	June-August	7.44%	1.83%	30CM	
CORLAN	<i>Coreopsis lanceolata</i>	Sand Coreopsis	1.5-3'		Yellow	May-July	1.86%	2.28%	30CM	
DALCAN	<i>Dalea candida</i>	White Prairie Clover	1-2.5'		White	June-August	1.86%	2.17%	N/A	
DALPUR	<i>Dalea purpurea</i>	Purple Prairie Clover	1-3'		Purple	June-August	7.44%	8.22%	N/A	
ECHPAL	<i>Echinacea pallida</i>	Pale Purple Coneflower	2-3'		Purple	June-July	7.44%	2.37%	90CM	
HELHEL	<i>Helianthus scaberrimus</i>	False Sunflower	3-5'		Yellow	June-September	7.44%	2.88%	30CM	
MONFIS	<i>Monarda fistulosa</i>	Wild Bergamot	2.5-4'		Purple	July-September	1.40%	5.99%	N/A	
MONPUN	<i>Monarda punctata</i>	Spotted Bee Balm	1-3'		Purple	July-October	0.47%	2.57%	N/A	X
OLIRIG	<i>Oligoneuron rigidum</i>	Stiff Goldenrod	2-5'		Yellow	August-October	0.93%	2.34%	60CM	
PENDIG	<i>Penstemon digitalis</i>	Foxglove Beardtongue	2-4'		White	May-July	0.47%	3.71%	60CM, CS, OW	X
PYCTEN	<i>Pycnanthemum tenuifolium</i>	Slender Mountain Mint	1-3'		White	June-September	0.23%	5.40%	N/A	X
RATPIN	<i>Ratibida pinnata</i>	Yellow Coneflower	2-4'		Yellow	June-September	3.72%	6.85%	30CM, CS	
RUDHIR	<i>Rudbeckia hirta</i>	Black-eyed Susan	2-3'		Yellow	June-October	1.86%	10.50%	N/A	
SOLNEM	<i>Solidago nemoralis</i>	Old Field Goldenrod	1-3'		Yellow	August-October	0.23%	4.28%	60CM	X
SYMLAE	<i>Symphyotrichum laeve</i>	Smooth Blue Aster	1.5-3'		Blue	August-October	0.93%	3.14%	60CM	
TRAOHI	<i>Tradescantia ohioensis</i>	Ohio Spiderwort	2-4'		Blue	May-July	3.72%	1.83%	120CM, CS	
VERSTR	<i>Verbena stricta</i>	Hoary Vervain	1-3'		Blue	June-September	1.86%	3.20%	60CM	X
ZIZAPT	<i>Zizia aptera</i>	Heart-leaf Golden Alexanders	1-2.5'		Yellow	May-June	1.86%	1.37%	60CM, CS	
Subtotal of Flowers							53.95%	73.85%		
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)	2.9	Number of Native Species in the Mix (Species Richness)	26.0
LBS of Grass Species in the Mix	1.5	Native FCI	27.3
LBS of Flower Species in the Mix	1.8	Native Mean C-Value	5.3
TOTAL LBS of Native Seed	3.4	Native Mean W Value	3.0
Seeds per Square Foot - TOTAL MIX	20.1	% of Mix by Seed Count - Grasses	22.81%
Seeds per Square Foot - Native Species Only	20.1	% of Mix by Seed Count - Sedges	3.34%
Seeds per Square Foot - Perennial Native Species Only	18.0	% of Mix by Seed Count - Perennial Flowers	63.34%
Percent of Mix (by Seed Count) Requiring Stratification (30+)	39.4%		

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

The Prairie State Nursery, LLC
 735 5th Avenue
 Ottawa, IL 61350
 815-324-2061