

# Wet Prairie Seed Mix for Mesic-Wet Soils (Non-Sandy Soils)

## 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	1.20%	0.54%	N/A	
BOUCUR	<i>Bouteloua curtipendula</i>	Side-Oats Grama	1.5-2.5'	N/A	July-October	19.23%	5.17%	N/A	
CXCRIS	<i>Carex cristatella</i>	Crested Oval Sedge	2-4'	N/A	June-July	0.60%	1.56%	60CM	
CXMOLE	<i>Carex molesta</i>	Field Oval Sedge	1-2.5'	N/A	May-June	2.40%	2.69%	60CM	
CXTRIB	<i>Carex tribuloides</i>	Aw-fruited Oval Sedge	1.5-3'	N/A	June-July	0.60%	3.23%	60CM	X
CXVULP	<i>Carex vulpinoidea</i>	Brown Fox Sedge	1.5-3.5'	N/A	May-July	1.20%	5.39%	60CM	X
ELYCAN	<i>Elymus canadensis</i>	Canada Wild Rye	3-5'	N/A	July-September	2.40%	0.56%	N/A	
ELYVIR	<i>Elymus virginicus</i>	Virginia Wild Rye	2.5-4'	N/A	July-August	7.21%	1.36%	N/A	
PANVIR	<i>Panicum virgatum</i>	Switch Grass	3-6'	Green-Tan	July-September	0.60%	0.38%	N/A	
SCHSCO	<i>Schizachyrium scoparium</i>	Little Bluestem	3-4'	Green	July-October	16.83%	11.31%	N/A	
SCIATR	<i>Scirpus atrovirens</i>	Dark-green Bulrush	2-6'	N/A	June-August	0.30%	6.19%	60CM, OW	X
<b>Subtotal of Grasses</b>						<b>52.59%</b>	<b>38.38%</b>		

## Flowers

CODE	SCIENTIFIC NAME	COMMON NAME	HEIGHT	BLOOM COLOR	BLOOM TIME	% OF MIX		GERMINATION	SURFACE SOWN
			Min-Max			by Weight	by Seed Count		
ARNATR	<i>Arnoglossum atriplicifolium</i>	Pale Indian-plantain	3-9'	White	July-September	0.60%	0.16%	60CM	
ASCINC	<i>Asclepias incarnata</i>	Swamp Milkweed	3-6'	Pink	August-September	4.81%	1.03%	30CM	
ASCSYR	<i>Asclepias syriaca</i>	Common Milkweed	2-6'	Pink	June-August	1.20%	0.22%	30CM	
ASTCAN	<i>Astragalus canadensis</i>	Canada Milk Vetch	2-4'	Cream	June-October	0.30%	0.23%	10CM, X	
BRIEUC	<i>Brickellia eupatorioides var. corymbulosa</i>	False Boneset	1-3.5'	Cream	August-October	0.60%	0.86%	N/A	
CHAFAS	<i>Chamaecrista fasciculata</i>	Partridge Pea	6"-2'	Yellow	July-October	9.62%	1.16%	10CM, X	
CIRDIS	<i>Cirsium discolor</i>	Pasture Thistle	2-8'	Purple	August-October	0.60%	0.17%	N/A	
CORLAN	<i>Coreopsis lanceolata</i>	Sand Coreopsis	1.5-3'	Yellow	May-July	0.60%	0.54%	30CM	
CORTRI	<i>Coreopsis tripteris</i>	Tall Coreopsis	3-8'	Yellow	July-October	1.80%	1.13%	60CM	
DESCAA	<i>Desmodium canadense</i>	Showy Tick Trefoil	3-6'	Purple	July-August	0.60%	0.15%	N/A	
DRYARG	<i>Drymocallis arguta</i>	Prairie Cinquefoil	1-3'	White	June-September	0.08%	0.77%	60CM	X
ERYUC	<i>Eryngium yuccifolium</i>	Rattlesnake Master	2-5'	White	July-September	4.81%	1.62%	60CM	
EUTGRA	<i>Euthamia graminifolia</i>	Grass-leaved Goldenrod	2-4'	Yellow	August-October	0.15%	2.36%	60CM	X
HELAUT	<i>Helenium autumnale</i>	Sneezeweed	2-5'	Yellow	August-October	0.60%	3.50%	N/A	X
LIAPYC	<i>Liatris pycnostachya</i>	Prairie Blazing Star	2-4'	Purple	July-September	2.40%	1.18%	60CM	
LIASPI	<i>Liatris spicata</i>	Marsh Blazing Star	2-5'	Purple	July-September	1.20%	0.59%	60CM	
MONFIS	<i>Monarda fistulosa</i>	Wild Bergamot	2.5-4'	Purple	July-September	0.60%	1.89%	N/A	
NAPDIO	<i>Napaea dioica</i>	Glade Malow	4-9'	White	June-August	0.30%	0.07%	60CM	
OLIRIG	<i>Oligoneuron rigidum</i>	Stiff Goldenrod	2-5'	Yellow	August-October	0.60%	1.10%	60CM	
PENDIG	<i>Penstemon digitalis</i>	Foxglove Beardtongue	2-4'	White	May-July	0.30%	1.75%	60CM, CS, OW	X
PHYVIR	<i>Physostegia virginiana</i>	Obedient Plant	3-4'	Pink	August-September	1.20%	0.59%	60CM	
PYCVIR	<i>Pycnanthemum virginianum</i>	Virginia Mountain Mint	1-4'	White	July-September	0.60%	5.92%	N/A	X
RATPIN	<i>Ratibida pinnata</i>	Yellow Coneflower	2-4'	Yellow	June-September	1.20%	1.62%	30CM, CS	
RUDHIR	<i>Rudbeckia hirta</i>	Black-eyed Susan	2-3'	Yellow	June-October	4.81%	19.82%	N/A	
RUDTRI	<i>Rudbeckia triloba</i>	Brown-eyed Susan	2-6'	Yellow	July-October	0.30%	0.46%	30CM	
SILPER	<i>Silphium perfoliatum</i>	Cup Plant	6-10'	Yellow	July-September	0.15%	0.01%	60CM	
SILTER	<i>Silphium terebinthinaceum</i>	Prairie Dock	4-10'	Yellow	July-October	0.60%	0.03%	60CM	
SYMNOV	<i>Symphotrichum novae-angliae</i>	New England Aster	3-5'	Purple	August-October	0.60%	1.78%	60CM	
VERHAS	<i>Verbena hastata</i>	Blue Vervain	2-6'	Yellow	July-September	0.60%	2.50%	30CM	X
VERFAS	<i>Vernonia fasciculata</i>	Common Ironweed	3-6'	Purple	July-October	0.60%	0.65%	60CM	
VERVIR	<i>Veronicastrum virginicum</i>	Culver's Root	3-6'	White	June-August	0.15%	5.39%	N/A	X
ZIZAUR	<i>Zizia aurea</i>	Golden Alexanders	1-2.5'	Yellow	May-June	4.81%	2.37%	60CM, CS	X
<b>Subtotal of Flowers</b>						<b>47.41%</b>	<b>61.62%</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)	43.0
LBS of Grass Species in the Mix	5.5	Native FQI	36.7
LBS of Flower Species in the Mix	4.9	Native Mean C-Value	5.0
TOTAL LBS of Native Seed	10.4	Native Mean W Value	0.1
Seeds per Square Foot - TOTAL MIX	85.2	% of Mix by Seed Count - Grasses	19.31%
Seeds per Square Foot - Native Species Only	85.2	% of Mix by Seed Count - Sedges	19.07%
Seeds per Square Foot - Perennial Native Species Only	64.9	% of Mix by Seed Count - Perennial Flowers	40.47%
Percent of Mix (by Seed Count) Requiring Stratification (30+)	40.0%		

## 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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