



Seed Mixture Calculator

Species	Scientific Name	PLS lbs per acre	PF PLS seeds per sq ft	PF % of Mixture PLS	COC	Bloom Period
Grasses						
Big Bluestem, Pawnee	<i>Andropogon gerardii</i>	0.200	0.76	5.19%	5	
Canada Wildrye	<i>Elymus canadensis</i>	0.200	0.53	3.62%	5	
Green Needlegrass	<i>Stipa viridula</i>	0.200	0.83	5.69%	4	
Indiangrass, Neb 54	<i>Sorghastrum Nutans</i>	0.100	0.40	2.75%	5	
Little Bluestem, aldous	<i>Schizachyrium scoparium</i>	0.300	1.79	12.26%	4	
Porcupine Grass **	<i>Stipa spartea</i>	0.100	0.08	0.54%	6	
Sideoats Grama, Butte	<i>Bouteloua curtipendula</i>	0.100	0.44	3.00%	5	
Grass Total		1.200	4.83	33.05%		

Wildflower/Forbs/Legumes						
American Vetch	<i>Vicia americana</i>	0.020	0.02	0.10%	6	1
Arkansas Rose **	<i>Rosa arkansana</i>	0.020	0.02	0.13%	4	1
Aromatic Aster	<i>Aster oblongifolius</i>	0.002	0.04	0.26%	5	3
Baldwin's Ironweed **	<i>Vernonia baldwinii</i>	0.010	0.16	1.10%	3	2
Blackeyed Susan	<i>Rudbeckia hirta</i>	0.010	0.36	2.48%	3	2
Blacksamson or Purple Coneflower	<i>Echinacea angustifolia</i>	0.030	0.08	0.53%	5	2
Blanketflower	<i>Gaillardia pulchella</i>	0.030	0.13	0.88%	5	1
Bush Morning Glory **	<i>Ipomoea leptophylla</i>	0.010	0.00	0.01%	--	2
Camphor Weed **	<i>Heterotheca latifolia</i>	0.004	0.10	0.68%	--	3
Canada Milkvetch	<i>Astragalus canadensis</i>	0.030	0.19	1.28%	5	2
Canada or Showy Tick-trefoil	<i>Desmodium canadense</i>	0.020	0.04	0.28%	5	2
Candle Anemone or Thimbleweed	<i>Anemone cylindrica</i>	0.008	0.08	0.52%	4	2
Clasping Coneflower	<i>Rudbeckia amplexicaulis</i> or <i>Dracopis amplexicaulis</i>	0.010	0.37	2.52%	--	1
Common Evening Primrose	<i>Oenothera biennis</i>	0.005	0.16	1.08%	1	2
Common Milkweed **	<i>Asclepias syriaca</i>	0.050	0.09	0.65%	1	2
Compass Plant	<i>Silphium laciniatum</i>	0.010	0.00	0.02%	5	2
Cudweed Sagewort, White Sage, or Prairie Sage	<i>Artemisia ludoviciana</i>	0.006	0.56	3.82%	4	3
Cup Plant **	<i>Silphium perfoliatum</i>	0.010	0.01	0.10%	4	2
Curly Cup Gumweed **	<i>Grindelia squarrosa</i>	0.008	0.10	0.71%		2
Deer Vetch **	<i>Lotus unifoliolatus</i>	0.010	0.02	0.13%	3	3
Dotted Gayfeather **	<i>Liatris punctata</i>	0.010	0.03	0.22%	5	3
Entire-leaved Rosinweed **	<i>Silphium integrifolium</i>	0.020	0.02	0.11%	4	2
False or Oxeye Sunflower	<i>Heliopsis helianthoides</i>	0.050	0.12	0.79%	4	2
False-boneset **	<i>Brickellia eupatorioides</i> or <i>Kuhnia eupatorioides</i>	0.008	0.10	0.66%	3	3
Field Snake Cotton **	<i>Froelichia floridana</i>	0.010	0.03	0.21%	--	2
Four-point Evening Primrose **	<i>Oenothera rhombipetala</i>	0.005	0.29	1.98%	2	2
Foxglove Beardstongue or Tall White Penstemon	<i>Penstemon digitalis</i>	0.020	0.18	1.26%	6	1
Grayhead Coneflower	<i>Ratibida pinnata</i>	0.030	0.29	2.02%	3	2
Hairy or Silky Golden Aster **	<i>Heterotheca villosa</i> or <i>Chrysopsis villosa</i>	0.005	0.13	0.88%	4	2
Hoary Vervain **	<i>Verbena stricta</i>	0.010	0.13	0.92%	2	2
Illinois Bundleflower	<i>Desmanthus illinoensis</i>	0.080	0.16	1.07%	5	2
Illinois Tickclover	<i>Desmodium illinoense</i>	0.010	0.02	0.11%	6	2

Jerusalem Artichoke **	<i>Helianthus tuberosus</i>	0.010	0.03	0.19%	4	3
Lanceleaf Coreopsis	<i>Coreopsis lanceolata</i>	0.030	0.15	1.04%		2
Late or Giant Goldenrod **	<i>Solidago gigantea</i>	0.001	0.12	0.85%	3	3
Leadplant **	<i>Amorpha canescens</i>	0.030	0.10	0.68%	6	2
Lemon Mint or Lemon Bee Balm	<i>Monarda citriodora</i>	0.010	0.33	2.26%		2
Maximillian Sunflower	<i>Helianthus maximiliani</i>	0.007	0.03	0.22%	4	3
Missouri Goldenrod **	<i>Solidago missouriensis</i>	0.001	0.14	0.99%	5	2
New England Aster	<i>Aster novae-angliae</i>	0.008	0.19	1.33%	4	3
Pitcher or Blue Sage **	<i>Salvia azurea</i>	0.010	0.07	0.47%	6	3
Plains Sunflower **	<i>Helianthus petiolaris</i>	0.010	0.03	0.18%	2	3
Prairie Aster	<i>Aster tanacetifolius</i>	0.015	0.14	0.96%		3
Prairie Cinquefoil	<i>Potentilla arguta or Drymocallis arguta</i>	0.002	0.20	1.38%	6	2
Purple Coneflower	<i>Echinacea purpurea</i>	0.050	0.13	0.91%		2
Purple Poppymallow **	<i>Callirhoe involucrata</i>	0.010	0.03	0.19%	2	2
Purple Prairieclover	<i>Dalea purpurea</i>	0.080	0.58	3.99%	6	2
Rocky Mountain Bee Plant	<i>Cleome serrulata</i>	0.010	0.01	0.10%	0	2
Roundhead Lespedeza	<i>Lespedeza capitata</i>	0.020	0.05	0.33%	5	3
Sand Milkweed **	<i>Asclepias arenaria</i>	0.010	0.01	0.07%		2
Sawtooth Sunflower **	<i>Helianthus grosseserratus</i>	0.005	0.07	0.50%	4	3
Sensitive Briar **	<i>Schrankia nuttallii</i>	0.020	0.02	0.14%	6	2
Shell-leaf Penstemon **	<i>Penstemon grandiflorus</i>	0.020	0.12	0.83%	5	1
Showy Partridgepea	<i>Cassia chamaecrista or Cassia fasciculata</i>	0.100	0.10	0.68%	1	2
Stiff Goldenrod	<i>Solidago rigida</i>	0.008	0.24	1.63%	3	3
Stiff Sunflower **	<i>Helianthus rigidus or Helianthus pauciflorus</i>	0.010	0.17	1.16%	5	3
Tall Boneset	<i>Eupatorium altissimum</i>	0.005	0.29	2.01%	3	3
Tickseed Sunflower	<i>Bidens coronata</i>	0.030	0.07	0.49%	4	3
Upright Coneflower	<i>Ratibida columnifera</i>	0.015	0.25	1.74%	3	2
Velvety Gaura **	<i>Gaura parviflora</i>	0.010	0.01	0.10%	1	2
Western Yarrow	<i>Achillea millefolium</i>	0.010	0.65	4.48%	2	1
White or Rocket Larkspur	<i>Consolida ajacis or Delphinium virescens</i>	0.018	0.20	1.36%	6	2
White Prairieclover	<i>Petalosternum candidum</i>	0.080	0.71	4.83%	6	2
Wild Bergamot	<i>Monarda fistulosa</i>	0.015	0.44	3.00%	3	2
Wild or Nodding Pink Onion	<i>Allium cernuum</i>	0.015	0.04	0.29%	3	2
Willowleaf Sunflower	<i>Helianthus salicifolius</i>	0.010	0.02	0.11%	--	3

Forb Total

1.246

9.78

66.95%

7

39

20

66

1 = April to May Bloom Period

2 = June to July Bloom Period

3 = August to October Bloom Period

COC = Coefficient of Conservatism

10.20%

40.57%

16.19%

** Nebraska Local Ecotype Seed Available

Total Mixture

2.446

14.60