

CHOOSE YOUR FORBS/LEGUMES

Common Name	Scientific Name <i>Flowering Period</i>	Lbs / acre PLS	Seeds / ft2 PLS	Coefficient of Conservatism	# Seeds / ft ² @ 1 lb. / ac	% of Mix	Functional Group
		Equivalent rate below					
Wild Prairie Onion	Allium stellatum <i>Summer</i>	0.012	0.050	9	4.040	0.10%	Perennial Forb
Thimbleweed	Anemone cylindrica <i>Summer</i>	0.0031	0.030	7	9.550	0.06%	Perennial Forb
Tall Thimbleweed	Anemone virginiana <i>Summer</i>	0.00097	0.010	5	10.2847	0.02%	Perennial Forb
White Sage	Artemisia ludoviciana <i>Summer, Fall</i>	0.011	1.000	4	91.8274	2.00%	Perennial Forb
Blue Vervain	Verbena hastata <i>Summer, Fall</i>	0.015	0.500	4	34.1598	1.00%	Perennial Forb
Hoary Vervain	Verbena stricta <i>Summer, Fall</i>	0.049	0.500	2	10.2847	1.00%	Perennial Forb
Wild Garlic	Allium canadense <i>Spring, Summer</i>	0.049	0.010	4	0.2	0.02%	Perennial Forb
Illinois Ticktrefoil	Desmodium illinoense <i>Summer</i>	0.013	0.020	6	1.5794	0.04%	Perennial Forb, Legume
White Wild Indigo	Baptisia alba <i>Summer</i>	0.016	0.010	7	0.6	0.02%	Perennial Forb, Legume
Butterfly Weed	Asclepias tuberosa <i>Summer</i>	0.032	0.050	7	1.5794	0.10%	Perennial Forb
Swamp Milkweed	Asclepias incarnata <i>Summer</i>	0.216	0.380	4	1.7631	0.76%	Perennial Forb
Sullivant's Milkweed	Asclepias sullivantii <i>Summer</i>	0.0061	0.010	8	1.6529	0.02%	Perennial Forb
Whorled Milkweed	Asclepias verticillata <i>Summer, Fall</i>	0.0025	0.010	1	4.0404	0.02%	Perennial Forb
Ohio Spiderwort	Tradescantia ohiensis <i>Spring, Summer</i>	0.0068	0.020	4	2.9385	0.04%	Perennial Forb
Alumroot	Heuchera richardsonii <i>Spring, Summer</i>	0.0039	1.000	8	257.1166	2.00%	Perennial Forb
Compass Plant	Silphium laciniatum <i>Summer, Fall</i>	0.041	0.010	7	0.2	0.02%	Perennial Forb
Cup Plant	Silphium perfoliatum <i>Summer, Fall</i>	0.019	0.010	2	0.5	0.02%	Perennial Forb
Prairie Rosinweed	Silphium terebinthinaceum <i>Summer, Fall</i>	0.027	0.010	0	0.4	0.02%	Perennial Forb
Rosinweed	Silphium integrifolium <i>Summer, Fall</i>	0.023	0.010	6	0.4	0.02%	Perennial Forb
New England Aster	Symphyotrichum novae-angliae <i>Summer, Fall</i>	0.0021	0.050	4	24.2424	0.10%	Perennial Forb
Smooth Blue Aster	Symphyotrichum laeve <i>Summer, Fall</i>	0.0025	0.050	8	20.2020	0.10%	Perennial Forb
Blue Sky Aster	Symphyotrichum oolentangiense <i>Summer, Fall</i>	0.0017	0.050	8	29.3848	0.10%	Perennial Forb
Upland White Aster	Oligoneuron album <i>Summer, Fall</i>	0.0021	0.050	9	23.5078	0.10%	Perennial Forb
Hairy Aster	Symphyotrichum pilosum <i>Fall</i>	0.00097	0.050	1	51.4233	0.10%	Perennial Forb
Silky Aster	Symphyotrichum sericeum <i>Fall</i>	0.0024	0.050	10	20.5693	0.10%	Perennial Forb
Black-eyed Susan	Rudbeckia hirta <i>Summer, Fall</i>	0.104	3.500	3	33.7925	7.00%	Biennial Forb
Brown-eyed Susan	Rudbeckia triloba <i>Summer, Fall</i>	0.120	1.500	4	12.4885	3.00%	Biennial Forb
Sweet Coneflower	Rudbeckia subtomentosa <i>Summer, Fall</i>	0.032	0.500	6	15.7943	1.00%	Perennial Forb
Gray-headed Coneflower	Ratibida pinnata <i>Summer, Fall</i>	0.136	1.500	4	11.0193	3.00%	Perennial Forb
Common Yarrow	Achillea millefolium <i>Summer</i>	0.00076	0.050	2	65.4729	0.10%	Perennial Forb

Pale Purple Coneflower	Echinacea pallida		0.250	7	1.9100	0.50%	Perennial Forb
	Summer		0.131				
Boneset	Eupatorium perfoliatum		0.050	6	58.7695	0.10%	Perennial Forb
	Summer, Fall		0.00085				
False Boneset	Brickellia eupatorioides		0.050	4	11.7539	0.10%	Perennial Forb
	Summer, Fall		0.0043				
Tall Boneset	Eupatorium altissimum		0.050	3	18.3655	0.10%	Perennial Forb
	Summer, Fall		0.0027				
Spotted Joe Pye Weed	Eutrochium maculatum		0.050	6	34.8944	0.10%	Perennial Forb
	Summer		0.0014				
Sweet Joe Pye Weed	Eupatorium purpureum		0.050	6	15.4270	0.10%	Perennial Forb
	Summer, Fall		0.0032				
Canadian Milkvetch	Astragalus canadensis		1.000	5	6.2443	2.00%	Perennial Forb, Legume
	Summer		0.160				
Partridge Pea	Chamaecrista fasciculata		0.100	3	1.0	0.20%	Annual Forb, Legume
	Summer, Fall		0.101				
Illinois Bundle Flower	Desmanthus illinoensis		0.200	5	1.5427	0.40%	Perennial Forb, Legume
	Summer		0.130				
Common Milkweed	Asclepias syriaca		0.300	1	1.5743	0.60%	Perennial Forb
	Summer		0.191				
Cardinal Flower	Lobelia cardinalis		0.200	6	146.9238	0.40%	Perennial Forb
	Summer, Fall		0.0014				
Great Blue Lobelia	Lobelia siphilitica		1.250	4	183.6547	2.50%	Perennial Forb
	Summer, Fall		0.0068				
Great St. John's Wort	Hypericum ascyron		0.500	6	69.7888	1.00%	Perennial Forb
	Summer		0.0072				
Square-stemmed Monkeyflower	Mimulus ringens		1.500	4	844.8118	3.00%	Perennial Forb
	Summer, Fall		0.0018				
Virginia Mountain Mint	Pycnanthemum virginianum		1.230	4	80.8081	2.46%	Perennial Forb
	Summer, Fall		0.015				
Slender Mountain Mint	Pycnanthemum tenuifolium		0.500	5	138.8430	1.00%	Perennial Forb
	Summer, Fall		0.0036				
Large-flowered Beardtongue	Penstemon grandiflorus		0.250	7	5.1423	0.50%	Perennial Forb
	Spring, Summer		0.049				
Foxglove Beardtongue	Penstemon digitalis		0.250	5	47.7502	0.50%	Perennial Forb
	Spring, Summer		0.0052				
Stiff Goldenrod	Oligoneuron rigidum		1.500	4	15.0597	3.00%	Perennial Forb
	Summer, Fall		0.100				
Showy Goldenrod	Solidago speciosa		0.550	7	34.8944	1.10%	Perennial Forb
	Summer, Fall		0.016				
Old Field Goldenrod	Solidago nemoralis		1.500	5	110.1928	3.00%	Perennial Forb
	Summer, Fall		0.014				
Rough Blazing Star	Liatris aspera		0.050	8	5.8770	0.10%	Perennial Forb
	Summer, Fall		0.0085				
Prairie Blazing Star	Liatris pycnostachya		0.050	7	4.0404	0.10%	Perennial Forb
	Summer, Fall		0.012				
Meadow Blazing Star	Liatris ligulistylis		0.010	8	3.6731	0.02%	Perennial Forb
	Summer, Fall		0.0027				
Prairie Cinquefoil	Potentilla arguta		1.500	9	84.4812	3.00%	Perennial Forb
	Summer, Fall		0.018				
Pale Indian Plantain	Arnoglossum atriplicifolium		0.030	4	2.2039	0.06%	Perennial Forb
	Summer, Fall		0.014				
Prairie Sunflower	Helianthus pauciflorus		0.050	8	1.9515	0.10%	Perennial Forb
	Summer, Fall		0.026				
Maryland Senna	Senna marilandica		0.050	6	0.6	0.10%	Perennial Forb, Legume
	Summer		0.080				
Saw-tooth Sunflower	Helianthus grosseserratus		0.010	3	5.5096	0.02%	Perennial Forb
	Summer, Fall		0.0018				
Oxeye, False Sunflower	Heliopsis helianthoides		0.500	4	2.3140	1.00%	Perennial Forb
	Summer, Fall		0.216				
Wild Quinine	Parthenium integrifolium		0.030	9	2.5712	0.06%	Perennial Forb
	Summer, Fall		0.012				
Dotted Blazing Star	Liatris punctata		0.010	8	2.5712	0.02%	Perennial Forb
	Summer, Fall		0.0039				
Golden Alexander's	Zizia aurea		0.500	7	4.0404	1.00%	Perennial Forb
	Spring, Summer		0.124				
Ironweed	Vernonia fasciculata		0.500	4	8.8154	1.00%	Perennial Forb
	Summer, Fall		0.057				
Obedient Plant	Physostegia virginiana		0.050	6	8.0808	0.10%	Perennial Forb
	Summer, Fall		0.0062				
Round-headed Bush Clover	Lespedeza capitata		0.030	4	2.9385	0.06%	Perennial Forb, Legume
	Summer, Fall		0.010				
Showy Ticktrefoil	Desmodium canadense		0.030	6	2.0202	0.06%	Perennial Forb, Legume
	Summer		0.015				
Purple Prairie Clover	Dalea purpurea		3.000	7	6.6116	6.00%	Perennial Forb, Legume
	Summer, Fall		0.454				
White Prairie Clover	Dalea candida		3.000	9	6.9789	6.00%	Perennial Forb, Legume
	Summer, Fall		0.430				

Heartleaf Alexander	Zizia aptera		0.050	8	4.4077	0.10%	Perennial Forb
	Spring	0.011					
Rattlesnake Master	Eryngium yuccifolium		0.050	7	2.7548	0.10%	Perennial Forb
	Summer, Fall	0.018					
Seedbox	Ludwigia alternifolia		0.500	4	477.5023	1.00%	Perennial Forb
	Summer	0.0010					
Cream Gentian	Gentiana alba		1.000	5	51.4233	2.00%	Perennial Forb
	Summer, Fall	0.019					
Sneezeweed	Helenium autumnale		2.000	5	47.7502	4.00%	Perennial Forb
	Summer, Fall	0.042					
Common Evening Primrose	Oenothera biennis		1.000	2	33.0579	2.00%	Biennial Forb
	Summer, Fall	0.030					
Culver's Root	Veronicastrum virginicum		1.520	6	293.8476	3.04%	Perennial Forb
	Summer	0.0052					
Tall Bellflower	Campanula americana		0.100	4	62.4426	0.20%	Biennial Forb
	Summer, Fall	0.0016					
Wild Bergamot	Monarda fistulosa		0.500	3	25.7117	1.00%	Perennial Forb
	Summer, Fall	0.019					
Winged Loosestrife	Lythrum alatum		1.000	6	1101.9284	2.00%	Perennial Forb
	Summer, Fall	0.00091					
Wild Petunia	Ruellia humilis		0.050	5	1.9100	0.10%	Perennial Forb
	Summer	0.026					
Rattle Box	Crotalaria sagittalis		0.500	4	1.6529	1.00%	Annual Forb, Legume
	Summer, Fall	0.303					

	Species Richness	lbs / acre PLS	seeds / ft ² PLS	Average CC
FORBS/LEGUMES TOTAL	81	3.860	39.990	5.3

CHOOSE YOUR VINE OR WOODY PLANT SPECIES

Common Name	Scientific Name <small>Flowering Period</small>	Lbs / acre PLS	Seeds / ft ² PLS	Coefficient of Conservatism	# Seeds / ft ² @ 1 oz. / ac	% of Mix	Functional Group
		Equivalent rate below					
Prairie Rose	Rosa arkansana <small>Summer</small>	0.011	0.010	5	0.9	0.02%	Sub-Shrub

	Species Richness	Lbs / acre PLS	seeds / ft ² PLS	Average CC
VINE & WOODY PLANT TOTAL	1	0.011	0.010	5.0

	lbs / acre PLS	seeds / ft ² PLS	Average CC	Species Richness	Floristic Quality Index
GRAND TOTAL	5.529	50.000	5.3	89	49.8