

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	<i>Allium stellatum</i> Summer	0.012	0.050	9	4.040	0.13%	Perennial Forb
Thimbleweed	<i>Anemone cylindrica</i> Summer	0.0031	0.030	7	9.550	0.08%	Perennial Forb
Tall Thimbleweed	<i>Anemone virginiana</i> Summer	0.0029	0.030	5	10.2847	0.08%	Perennial Forb
Wild Garlic	<i>Allium canadense</i> Spring, Summer	0.049	0.010	4	0.2	0.03%	Perennial Forb
Blue Vervain	<i>Verbena hastata</i> Summer, Fall	0.029	1.000	4	34.1598	2.50%	Perennial Forb
Hoary Vervain	<i>Verbena stricta</i> Summer, Fall	0.097	1.000	2	10.2847	2.50%	Perennial Forb
Alumroot	<i>Heuchera richardsonii</i> Spring, Summer	0.0019	0.500	8	257.1166	1.25%	Perennial Forb
Cream False Indigo	<i>Baptisia bracteata</i> Spring, Summer	0.0019	0.0010	8	0.5	0.00%	Perennial Forb, Legume
White Wild Indigo	<i>Baptisia alba</i> Summer	0.016	0.010	7	0.6	0.03%	Perennial Forb, Legume
Butterfly Weed	<i>Asclepias tuberosa</i> Summer	0.019	0.030	7	1.5794	0.08%	Perennial Forb
Swamp Milkweed	<i>Asclepias incarnata</i> Summer	0.284	0.500	4	1.7631	1.25%	Perennial Forb
Sullivant's Milkweed	<i>Asclepias sullivantii</i> Summer	0.0061	0.010	8	1.6529	0.03%	Perennial Forb
Whorled Milkweed	<i>Asclepias verticillata</i> Summer, Fall	0.0025	0.010	1	4.0404	0.03%	Perennial Forb
Ohio Spiderwort	<i>Tradescantia ohiensis</i> Spring, Summer	0.0034	0.010	4	2.9385	0.03%	Perennial Forb
Dotted Blazing Star	<i>Liatris punctata</i> Summer, Fall	0.0039	0.010	8	2.5712	0.03%	Perennial Forb
Compass Plant	<i>Silphium laciniatum</i> Summer, Fall	0.041	0.010	7	0.2	0.03%	Perennial Forb
Cup Plant	<i>Silphium perfoliatum</i> Summer, Fall	0.019	0.010	2	0.5	0.03%	Perennial Forb
Prairie Rosinweed	<i>Silphium terebinthinaceum</i> Summer, Fall	0.027	0.010	0	0.4	0.03%	Perennial Forb
Rosinweed	<i>Silphium integrifolium</i> Summer, Fall	0.023	0.010	6	0.4	0.03%	Perennial Forb
New England Aster	<i>Symphyotrichum novae-angliae</i> Summer, Fall	0.0041	0.100	4	24.2424	0.25%	Perennial Forb
Smooth Blue Aster	<i>Symphyotrichum laeve</i> Summer, Fall	0.0050	0.100	8	20.2020	0.25%	Perennial Forb
Blue Sky Aster	<i>Symphyotrichum oolentangiense</i> Summer, Fall	0.0034	0.100	8	29.3848	0.25%	Perennial Forb
Upland White Aster	<i>Oligoneuron album</i> Summer, Fall	0.0043	0.100	9	23.5078	0.25%	Perennial Forb
Calico Aster	<i>Symphyotrichum lateriflorum</i> Summer, Fall	0.0011	0.100	4	91.8274	0.25%	Perennial Forb
Silky Aster	<i>Symphyotrichum sericeum</i> Fall	0.0015	0.030	10	20.5693	0.08%	Perennial Forb
Black-eyed Susan	<i>Rudbeckia hirta</i> Summer, Fall	0.104	3.500	3	33.7925	8.75%	Biennial Forb
Brown-eyed Susan	<i>Rudbeckia triloba</i> Summer, Fall	0.040	0.500	4	12.4885	1.25%	Biennial Forb
Sweet Coneflower	<i>Rudbeckia subtomentosa</i> Summer, Fall	0.019	0.300	6	15.7943	0.75%	Perennial Forb
Gray-headed Coneflower	<i>Ratibida pinnata</i> Summer, Fall	0.136	1.500	4	11.0193	3.75%	Perennial Forb
Common Yarrow	<i>Achillea millefolium</i> Summer	0.00061	0.040	2	65.4729	0.10%	Perennial Forb

Pale Purple Coneflower	Echinacea pallida		0.200	7	1.9100	0.50%	Perennial Forb
	Summer	0.105					
Boneset	Eupatorium perfoliatum		0.030	6	58.7695	0.08%	Perennial Forb
	Summer, Fall	0.00051					
False Boneset	Brickellia eupatorioides		0.030	4	11.7539	0.08%	Perennial Forb
	Summer, Fall	0.0026					
Tall Boneset	Eupatorium altissimum		0.030	3	18.3655	0.08%	Perennial Forb
	Summer, Fall	0.0016					
Spotted Joe Pye Weed	Eutrochium maculatum		0.030	6	34.8944	0.08%	Perennial Forb
	Summer	0.00086					
Sweet Joe Pye Weed	Eupatorium purpureum		0.030	6	15.4270	0.08%	Perennial Forb
	Summer, Fall	0.0019					
Canadian Milkvetch	Astragalus canadensis		1.250	5	6.2443	3.13%	Perennial Forb, Legume
	Summer	0.200					
Partridge Pea	Chamaecrista fasciculata		0.100	3	1.0	0.25%	Annual Forb, Legume
	Summer, Fall	0.101					
Illinois Bundle Flower	Desmanthus illinoensis		0.200	5	1.5427	0.50%	Perennial Forb, Legume
	Summer	0.130					
Common Milkweed	Asclepias syriaca		0.200	1	1.5743	0.50%	Perennial Forb
	Summer	0.127					
Cardinal Flower	Lobelia cardinalis		0.200	6	146.9238	0.50%	Perennial Forb
	Summer, Fall	0.0014					
Great Blue Lobelia	Lobelia siphilitica		1.700	4	183.6547	4.25%	Perennial Forb
	Summer, Fall	0.0093					
Great St. John's Wort	Hypericum ascyron		0.500	6	69.7888	1.25%	Perennial Forb
	Summer	0.0072					
Square-stemmed Monkeyflower	Mimulus ringens		1.000	4	844.8118	2.50%	Perennial Forb
	Summer, Fall	0.0012					
Virginia Mountain Mint	Pycnanthemum virginianum		1.500	4	80.8081	3.75%	Perennial Forb
	Summer, Fall	0.019					
Slender Mountain Mint	Pycnanthemum tenuifolium		0.200	5	138.8430	0.50%	Perennial Forb
	Summer, Fall	0.0014					
Large-flowered Beardtongue	Penstemon grandiflorus		0.300	7	5.1423	0.75%	Perennial Forb
	Spring, Summer	0.058					
Foxglove Beardtongue	Penstemon digitalis		2.000	5	47.7502	5.00%	Perennial Forb
	Spring, Summer	0.042					
Stiff Goldenrod	Oligoneuron rigidum		0.999	4	15.0597	2.50%	Perennial Forb
	Summer, Fall	0.066					
Showy Goldenrod	Solidago speciosa		0.300	7	34.8944	0.75%	Perennial Forb
	Summer, Fall	0.0086					
Illinois ticktrefoil	Desmodium illinoense		0.020	6	1.5794	0.05%	Perennial Forb, Legume
	Summer	0.013					
Rough Blazing Star	Liatris aspera		0.050	8	5.8770	0.13%	Perennial Forb
	Summer, Fall	0.0085					
Prairie Blazing Star	Liatris pycnostachya		0.050	7	4.0404	0.13%	Perennial Forb
	Summer, Fall	0.012					
Meadow Blazing Star	Liatris ligulistylis		0.010	8	3.6731	0.03%	Perennial Forb
	Summer, Fall	0.0027					
White Sage	Artemisia ludoviciana		1.750	4	91.8274	4.38%	Perennial Forb
	Summer, Fall	0.019					
Spotted Horsemint	Monarda punctata		0.100	7	33.0579	0.25%	Biennial Forb
	Summer, Fall	0.0030					
Prairie Sunflower	Helianthus pauciflorus		0.020	8	1.9515	0.05%	Perennial Forb
	Summer, Fall	0.010					
Sneezeweed	Helenium autumnale		2.000	5	47.7502	5.00%	Perennial Forb
	Summer, Fall	0.042					
Saw-tooth Sunflower	Helianthus grosseserratus		0.020	3	5.5096	0.05%	Perennial Forb
	Summer, Fall	0.0036					
Oxeye, False Sunflower	Heliopsis helianthoides		0.500	4	2.3140	1.25%	Perennial Forb
	Summer, Fall	0.216					
Wild Quinine	Parthenium integrifolium		0.020	9	2.5712	0.05%	Perennial Forb
	Summer, Fall	0.0078					
Canada Anemone	Anemone canadensis		0.010	4	2.9385	0.03%	Perennial Forb
	Spring, Summer	0.0034					
Golden Alexander's	Zizia aurea		0.500	7	4.0404	1.25%	Perennial Forb
	Spring, Summer	0.124					
Ironweed	Vernonia fasciculata		0.200	4	8.8154	0.50%	Perennial Forb
	Summer, Fall	0.023					
Obedient Plant	Physostegia virginiana		0.050	6	8.0808	0.13%	Perennial Forb
	Summer, Fall	0.0062					
Round-headed Bush Clover	Lespedeza capitata		0.020	4	2.9385	0.05%	Perennial Forb, Legume
	Summer, Fall	0.0068					
Showy Ticktrefoil	Desmodium canadense		0.020	6	2.0202	0.05%	Perennial Forb, Legume
	Summer	0.0099					
Purple Prairie Clover	Dalea purpurea		3.000	7	6.6116	7.50%	Perennial Forb, Legume
	Summer, Fall	0.454					
White Prairie Clover	Dalea candida		2.500	9	6.9789	6.25%	Perennial Forb, Legume
	Summer, Fall	0.358					

Winged Loosestrife	Lythrum alatum		1.000	6	1101.9284	2.50%	Perennial Forb
	Summer, Fall	0.00091					
Rattlesnake Master	Eryngium yuccifolium		0.050	7	2.7548	0.13%	Perennial Forb
	Summer, Fall	0.018					
Seedbox	Ludwigia alternifolia		0.500	4	477.5023	1.25%	Perennial Forb
	Summer	0.0010					
Cream Gentian	Gentiana alba		0.500	5	51.4233	1.25%	Perennial Forb
	Summer, Fall	0.0097					
Old Field Goldenrod	Solidago nemoralis		2.000	5	110.1928	5.00%	Perennial Forb
	Summer, Fall	0.018					
Common Evening Primrose	Oenothera biennis		1.500	2	33.0579	3.75%	Biennial Forb
	Summer, Fall	0.045					
Culver's Root	Veronicastrum virginicum		2.440	6	293.8476	6.10%	Perennial Forb
	Summer	0.0083					
Tall Bellflower	Campanula americana		0.200	4	62.4426	0.50%	Biennial Forb
	Summer, Fall	0.0032					
Wild Bergamot	Monarda fistulosa		0.500	3	25.7117	1.25%	Perennial Forb
	Summer, Fall	0.019					
Heartleaf Alexander	Zizia aptera		0.020	8	4.4077	0.05%	Perennial Forb
	Spring	0.0045					
Wild Petunia	Ruellia humilis		0.020	5	1.9100	0.05%	Perennial Forb
	Summer	0.010					

FORBS/LEGUMES TOTAL	Species Richness	lbs / acre PLS	seeds / ft ² PLS	Average CC
	80	3.307	39.980	5.4

CHOOSE YOUR VINE OR WOODY PLANT SPECIES

Common Name	Scientific Name	Lbs / acre PLS	Seeds / ft ² PLS	Coefficient of Conservatism	# Seeds / ft ² @ 1 oz. / ac	% of Mix	Functional Group
Prairie Rose	Rosa arkansana		0.020	5	0.9	0.05%	Sub-Shrub
	Summer	0.022					

VINE & WOODY PLANT TOTAL	Species Richness	Lbs / acre PLS	seeds / ft ² PLS	Average CC
	1	0.022	0.020	5.0

	lbs / acre PLS	seeds / ft ² PLS	Average CC	Species Richness	Floristic Quality Index
GRAND TOTAL	3.329	40.000	5.4	81	48.6