



**CHOOSE YOUR FORBS/LEGUMES**

Common Name	Scientific Name <i>Flowering Period</i>	Lbs / acre PLS	Seeds / ft2 PLS	Coefficient of Conservatism	# Seeds / ft <sup>2</sup> @ 1 lb. / ac	% of Mix	Functional Group
		Equivalent rate below					
Wild Prairie Onion	<b>Allium stellatum</b> <i>Summer</i>	0.012	0.050	9	4.040	0.10%	Perennial Forb
Thimbleweed	<b>Anemone cylindrica</b> <i>Summer</i>	0.0031	0.030	7	9.550	0.06%	Perennial Forb
Tall Thimbleweed	<b>Anemone virginiana</b> <i>Summer</i>	0.0029	0.030	5	10.2847	0.06%	Perennial Forb
Wild Garlic	<b>Allium canadense</b> <i>Spring, Summer</i>	0.049	0.010	4	0.2	0.02%	Perennial Forb
Blue Vervain	<b>Verbena hastata</b> <i>Summer, Fall</i>	0.029	1.000	4	34.1598	2.00%	Perennial Forb
Hoary Vervain	<b>Verbena stricta</b> <i>Summer, Fall</i>	0.049	0.500	2	10.2847	1.00%	Perennial Forb
Bottle Gentian, Closed Gentian	<b>Gentiana andrewsii</b> <i>Summer, Fall</i>	0.00097	0.100	7	102.8466	0.20%	Perennial Forb
Cream False Indigo	<b>Baptisia bracteata</b> <i>Spring, Summer</i>	0.0019	0.0010	8	0.5	0.00%	Perennial Forb, Legume
White Wild Indigo	<b>Baptisia alba</b> <i>Summer</i>	0.016	0.010	7	0.6	0.02%	Perennial Forb, Legume
Butterfly Weed	<b>Asclepias tuberosa</b> <i>Summer</i>	0.032	0.050	7	1.5794	0.10%	Perennial Forb
Swamp Milkweed	<b>Asclepias incarnata</b> <i>Summer</i>	0.216	0.380	4	1.7631	0.76%	Perennial Forb
Sullivant's Milkweed	<b>Asclepias sullivantii</b> <i>Summer</i>	0.0061	0.010	8	1.6529	0.02%	Perennial Forb
Whorled Milkweed	<b>Asclepias verticillata</b> <i>Summer, Fall</i>	0.0025	0.010	1	4.0404	0.02%	Perennial Forb
Ohio Spiderwort	<b>Tradescantia ohiensis</b> <i>Spring, Summer</i>	0.0034	0.010	4	2.9385	0.02%	Perennial Forb
Prairie Spiderwort	<b>Tradescantia bracteata</b> <i>Spring, Summer</i>	0.0027	0.010	5	3.6731	0.02%	Perennial Forb
Compass Plant	<b>Silphium laciniatum</b> <i>Summer, Fall</i>	0.041	0.010	7	0.2	0.02%	Perennial Forb
Cup Plant	<b>Silphium perfoliatum</b> <i>Summer, Fall</i>	0.019	0.010	2	0.5	0.02%	Perennial Forb
Prairie Rosinweed	<b>Silphium terebinthinaceum</b> <i>Summer, Fall</i>	0.027	0.010	0	0.4	0.02%	Perennial Forb
Rosinweed	<b>Silphium integrifolium</b> <i>Summer, Fall</i>	0.023	0.010	6	0.4	0.02%	Perennial Forb
New England Aster	<b>Symphyotrichum novae-angliae</b> <i>Summer, Fall</i>	0.0041	0.100	4	24.2424	0.20%	Perennial Forb
Smooth Blue Aster	<b>Symphyotrichum laeve</b> <i>Summer, Fall</i>	0.0050	0.100	8	20.2020	0.20%	Perennial Forb
Blue Sky Aster	<b>Symphyotrichum oolentangiense</b> <i>Summer, Fall</i>	0.0034	0.100	8	29.3848	0.20%	Perennial Forb
Upland White Aster	<b>Oligoneuron album</b> <i>Summer, Fall</i>	0.0043	0.100	9	23.5078	0.20%	Perennial Forb
Calico Aster	<b>Symphyotrichum lateriflorum</b> <i>Summer, Fall</i>	0.0011	0.100	4	91.8274	0.20%	Perennial Forb
Silky Aster	<b>Symphyotrichum sericeum</b> <i>Fall</i>	0.0015	0.030	10	20.5693	0.06%	Perennial Forb
Black-eyed Susan	<b>Rudbeckia hirta</b> <i>Summer, Fall</i>	0.104	3.500	3	33.7925	7.00%	Biennial Forb
Brown-eyed Susan	<b>Rudbeckia triloba</b> <i>Summer, Fall</i>	0.040	0.500	4	12.4885	1.00%	Biennial Forb
Sweet Coneflower	<b>Rudbeckia subtomentosa</b> <i>Summer, Fall</i>	0.019	0.300	6	15.7943	0.60%	Perennial Forb
Gray-headed Coneflower	<b>Ratibida pinnata</b> <i>Summer, Fall</i>	0.136	1.500	4	11.0193	3.00%	Perennial Forb
Greenhead Coneflower	<b>Rudbeckia laciniata</b> <i>Summer, Fall</i>	0.0058	0.030	4	5.1423	0.06%	Perennial Forb

<b>Pale Purple Coneflower</b>	<b>Echinacea pallida</b>		<b>0.200</b>	7	1.9100	0.40%	Perennial Forb
	Summer	<b>0.105</b>					
<b>Boneset</b>	<b>Eupatorium perfoliatum</b>		<b>0.030</b>	6	58.7695	0.06%	Perennial Forb
	Summer, Fall	<b>0.00051</b>					
<b>False Boneset</b>	<b>Brickellia eupatorioides</b>		<b>0.030</b>	4	11.7539	0.06%	Perennial Forb
	Summer, Fall	<b>0.0026</b>					
<b>Tall Boneset</b>	<b>Eupatorium altissimum</b>		<b>0.030</b>	3	18.3655	0.06%	Perennial Forb
	Summer, Fall	<b>0.0016</b>					
<b>Spotted Joe Pye Weed</b>	<b>Eutrochium maculatum</b>		<b>0.030</b>	6	34.8944	0.06%	Perennial Forb
	Summer	<b>0.00086</b>					
<b>Sweet Joe Pye Weed</b>	<b>Eupatorium purpureum</b>		<b>0.030</b>	6	15.4270	0.06%	Perennial Forb
	Summer, Fall	<b>0.0019</b>					
<b>Canadian Milkvetch</b>	<b>Astragalus canadensis</b>		<b>1.500</b>	5	6.2443	3.00%	Perennial Forb, Legume
	Summer	<b>0.240</b>					
<b>Partridge Pea</b>	<b>Chamaecrista fasciculata</b>		<b>0.100</b>	3	1.0	0.20%	Annual Forb, Legume
	Summer, Fall	<b>0.101</b>					
<b>Illinois Bundle Flower</b>	<b>Desmanthus illinoensis</b>		<b>0.200</b>	5	1.5427	0.40%	Perennial Forb, Legume
	Summer	<b>0.130</b>					
<b>Common Milkweed</b>	<b>Asclepias syriaca</b>		<b>0.300</b>	1	1.5743	0.60%	Perennial Forb
	Summer	<b>0.191</b>					
<b>Cardinal Flower</b>	<b>Lobelia cardinalis</b>		<b>0.200</b>	6	146.9238	0.40%	Perennial Forb
	Summer, Fall	<b>0.0014</b>					
<b>Great Blue Lobelia</b>	<b>Lobelia siphilitica</b>		<b>1.500</b>	4	183.6547	3.00%	Perennial Forb
	Summer, Fall	<b>0.0082</b>					
<b>Great St. John's Wort</b>	<b>Hypericum ascyron</b>		<b>0.500</b>	6	69.7888	1.00%	Perennial Forb
	Summer	<b>0.0072</b>					
<b>Square-stemmed Monkeyflower</b>	<b>Mimulus ringens</b>		<b>1.000</b>	4	844.8118	2.00%	Perennial Forb
	Summer, Fall	<b>0.0012</b>					
<b>Virginia Mountain Mint</b>	<b>Pycnanthemum virginianum</b>		<b>1.500</b>	4	80.8081	3.00%	Perennial Forb
	Summer, Fall	<b>0.019</b>					
<b>Slender Mountain Mint</b>	<b>Pycnanthemum tenuifolium</b>		<b>0.200</b>	5	138.8430	0.40%	Perennial Forb
	Summer, Fall	<b>0.0014</b>					
<b>Large-flowered Beardtongue</b>	<b>Penstemon grandiflorus</b>		<b>0.300</b>	7	5.1423	0.60%	Perennial Forb
	Spring, Summer	<b>0.058</b>					
<b>Foxglove Beardtongue</b>	<b>Penstemon digitalis</b>		<b>2.000</b>	5	47.7502	4.00%	Perennial Forb
	Summer	<b>0.042</b>					
<b>Stiff Goldenrod</b>	<b>Oligoneuron rigidum</b>		<b>0.999</b>	4	15.0597	2.00%	Perennial Forb
	Summer, Fall	<b>0.066</b>					
<b>Showy Goldenrod</b>	<b>Solidago speciosa</b>		<b>0.300</b>	7	34.8944	0.60%	Perennial Forb
	Summer, Fall	<b>0.0086</b>					
<b>Illinois ticktrefoil</b>	<b>Desmodium illinoense</b>		<b>0.020</b>	6	1.5794	0.04%	Perennial Forb, Legume
	Summer	<b>0.013</b>					
<b>Rough Blazing Star</b>	<b>Liatris aspera</b>		<b>0.050</b>	8	5.8770	0.10%	Perennial Forb
	Summer, Fall	<b>0.0085</b>					
<b>Prairie Blazing Star</b>	<b>Liatris pycnostachya</b>		<b>0.050</b>	7	4.0404	0.10%	Perennial Forb
	Summer, Fall	<b>0.012</b>					
<b>Meadow Blazing Star</b>	<b>Liatris ligulistylis</b>		<b>0.010</b>	8	3.6731	0.02%	Perennial Forb
	Summer, Fall	<b>0.0027</b>					
<b>White Sage</b>	<b>Artemisia ludoviciana</b>		<b>2.000</b>	4	91.8274	4.00%	Perennial Forb
	Summer, Fall	<b>0.022</b>					
<b>Tall Coreopsis</b>	<b>Coreopsis tripteris</b>		<b>0.020</b>	4	5.1423	0.04%	Perennial Forb
	Summer, Fall	<b>0.0039</b>					
<b>Prairie Sunflower</b>	<b>Helianthus pauciflorus</b>		<b>0.020</b>	8	1.9515	0.04%	Perennial Forb
	Summer, Fall	<b>0.010</b>					
<b>Sneezeweed</b>	<b>Helenium autumnale</b>		<b>2.000</b>	5	47.7502	4.00%	Perennial Forb
	Summer, Fall	<b>0.042</b>					
<b>Saw-tooth Sunflower</b>	<b>Helianthus grosseserratus</b>		<b>0.020</b>	3	5.5096	0.04%	Perennial Forb
	Summer, Fall	<b>0.0036</b>					
<b>Oxeye, False Sunflower</b>	<b>Heliopsis helianthoides</b>		<b>0.500</b>	4	2.3140	1.00%	Perennial Forb
	Summer, Fall	<b>0.216</b>					
<b>Wild Quinine</b>	<b>Parthenium integrifolium</b>		<b>0.020</b>	9	2.5712	0.04%	Perennial Forb
	Summer, Fall	<b>0.0078</b>					
<b>Flowering Spurge</b>	<b>Euphorbia corollata</b>		<b>0.010</b>	5	2.9385	0.02%	Perennial Forb
	Summer	<b>0.0034</b>					
<b>Golden Alexander's</b>	<b>Zizia aurea</b>		<b>0.500</b>	7	4.0404	1.00%	Perennial Forb
	Spring, Summer	<b>0.124</b>					
<b>Ironweed</b>	<b>Vernonia fasciculata</b>		<b>0.200</b>	4	8.8154	0.40%	Perennial Forb
	Summer, Fall	<b>0.023</b>					
<b>Obedient Plant</b>	<b>Physostegia virginiana</b>		<b>0.050</b>	6	8.0808	0.10%	Perennial Forb
	Summer, Fall	<b>0.0062</b>					
<b>Round-headed Bush Clover</b>	<b>Lespedeza capitata</b>		<b>0.020</b>	4	2.9385	0.04%	Perennial Forb, Legume
	Summer, Fall	<b>0.0068</b>					
<b>Showy Ticktrefoil</b>	<b>Desmodium canadense</b>		<b>0.020</b>	6	2.0202	0.04%	Perennial Forb, Legume
	Summer	<b>0.0099</b>					
<b>Purple Prairie Clover</b>	<b>Dalea purpurea</b>		<b>3.000</b>	7	6.6116	6.00%	Perennial Forb, Legume
	Summer, Fall	<b>0.454</b>					
<b>White Prairie Clover</b>	<b>Dalea candida</b>		<b>3.000</b>	9	6.9789	6.00%	Perennial Forb, Legume
	Summer, Fall	<b>0.430</b>					

Winged Loosestrife	Lythrum alatum		1.000	6	1101.9284	2.00%	Perennial Forb
	Summer, Fall	0.00091					
Rattlesnake Master	Eryngium yuccifolium		0.050	7	2.7548	0.10%	Perennial Forb
	Summer, Fall	0.018					
Seedbox	Ludwigia alternifolia		1.000	4	477.5023	2.00%	Perennial Forb
	Summer	0.0021					
Cream Gentian	Gentiana alba		0.100	5	51.4233	0.20%	Perennial Forb
	Summer, Fall	0.0019					
Old Field Goldenrod	Solidago nemoralis		2.000	5	110.1928	4.00%	Perennial Forb
	Summer, Fall	0.018					
Common Evening Primrose	Oenothera biennis		1.500	2	33.0579	3.00%	Biennial Forb
	Summer, Fall	0.045					
Culver's Root	Veronicastrum virginicum		2.500	6	293.8476	5.00%	Perennial Forb
	Summer	0.0085					
Tall Bellflower	Campanula americana		0.200	4	62.4426	0.40%	Biennial Forb
	Summer, Fall	0.0032					
Wild Bergamot	Monarda fistulosa		0.500	3	25.7117	1.00%	Perennial Forb
	Summer, Fall	0.019					
Heartleaf Alexander	Zizia aptera		0.020	8	4.4077	0.04%	Perennial Forb
	Spring	0.0045					
Wild Petunia	Ruellia humilis		0.020	5	1.9100	0.04%	Perennial Forb
	Summer	0.010					

FORBS/LEGUMES TOTAL	Species Richness	lbs / acre PLS	seeds / ft <sup>2</sup> PLS	Average CC
	80	3.377	39.950	5.4

**CHOOSE YOUR VINE OR WOODY PLANT SPECIES**

Common Name	Scientific Name	Lbs / acre PLS	Seeds / ft <sup>2</sup> PLS	Coefficient of Conservatism	# Seeds / ft <sup>2</sup> @ 1 oz. / ac	% of Mix	Functional Group
Lead Plant	Amorpha canescens		0.050	8	5.8770	0.10%	Sub-Shrub, Legume
	Summer	0.0085					

VINE & WOODY PLANT TOTAL	Species Richness	Lbs / acre PLS	seeds / ft <sup>2</sup> PLS	Average CC
	1	0.009	0.050	8.0

	lbs / acre PLS	seeds / ft <sup>2</sup> PLS	Average CC	Species Richness	Floristic Quality Index
<b>GRAND TOTAL</b>	5.532	50.000	5.4	90	51.2