

# Arkansas River Valley Seed Mix

Common Name	Scientific Name	PLS/ft <sup>2</sup>	% of Mix by PLS/ft <sup>2</sup>	PLS lbs/acre
Big Bluestem	<u><i>Andropogon gerardii</i></u>	1.136	4.0%	0.300
Canada Wildrye	<u><i>Elymus canadensis</i></u>	0.262	0.9%	0.100
Composite Dropseed	<u><i>Sporobolus compositus</i></u>	0.872	3.1%	0.050
Eastern Gamagrass	<u><i>Tripsacum dactyloides</i></u>	0.010	0.0%	0.060
Indiangrass	<u><i>Sorghastrum nutans</i></u>	1.136	4.0%	0.300
Little Bluestem	<u><i>Schizachyrium scoparium</i></u>	2.204	7.8%	0.400
River Oats	<u><i>Chasmanthium latifolium</i></u>	0.103	0.4%	0.050
Sideoats Grama	<u><i>Bouteloua curtipendula</i></u>	1.318	4.7%	0.350
Virginia Wildrye	<u><i>Elymus virginicus</i></u>	0.275	1.0%	0.150
Ashy Sunflower	<u><i>Helianthus mollis</i></u>	0.010	0.0%	0.004
Bigflower Coreopsis	<u><i>Coreopsis grandiflora</i></u>	0.314	1.1%	0.035
Black-eyed Susan (B)	<u><i>Rudbeckia hirta</i></u>	1.085	3.8%	0.030
Blue Lobelia	<u><i>Lobelia siphilitica</i></u>	1.469	5.2%	0.008
Blue Wild Indigo	<u><i>Baptisia australis</i></u>	0.005	0.0%	0.009
Brown-eyed Susan	<u><i>Rudbeckia triloba</i></u>	0.344	1.2%	0.030
Butterfly Milkweed	<u><i>Asclepias tuberosa</i></u>	0.212	0.8%	0.132
Canada Milkvetch	<u><i>Astragalus canadensis</i></u>	0.124	0.4%	0.020
Cardinal Flower	<u><i>Lobelia cardinalis</i></u>	1.815	6.4%	0.007
Common Boneset	<u><i>Eupatorium perfoliatum</i></u>	1.058	3.7%	0.016
Common Evening Primrose (B)	<u><i>Oenothera biennis</i></u>	0.474	1.7%	0.015
Common Milkweed	<u><i>Asclepias syriaca</i></u>	0.185	0.7%	0.125
Common Sneezeweed	<u><i>Helenium autumnale</i></u>	0.202	0.7%	0.006
Compass Plant	<u><i>Silphium laciniatum</i></u>	0.003	0.0%	0.006
Culver's Root	<u><i>Veronicastrum virginicum</i></u>	1.355	4.8%	0.005
Cup Plant	<u><i>Silphium perfoliatum</i></u>	0.005	0.0%	0.009
False Sunflower	<u><i>Heliopsis helianthoides</i></u>	0.144	0.5%	0.050
Foxglove Beardtongue	<u><i>Penstemon digitalis</i></u>	0.552	2.0%	0.015
Goat's Rue	<u><i>Tephrosia virginiana</i></u>	0.007	0.0%	0.009
Golden Alexanders	<u><i>Zizia aurea</i></u>	0.020	0.1%	0.005
Gray Goldenrod	<u><i>Solidago nemoralis</i></u>	0.301	1.1%	0.013
Gray-headed Coneflower	<u><i>Ratibida pinnata</i></u>	0.194	0.7%	0.020
Hoary Vervain	<u><i>Verbena stricta</i></u>	0.702	2.5%	0.055
Horsemint	<u><i>Monarda punctata</i></u>	0.100	0.4%	0.003
Illinois Bundleflower	<u><i>Desmanthus illinoensis</i></u>	0.390	1.4%	0.200
Indian Paintbrush (A)	<u><i>Castilleja coccinea</i></u>	0.022	0.1%	0.003
Lanceleaf Coreopsis	<u><i>Coreopsis lanceolata</i></u>	0.862	3.0%	0.170

Maryland Senna	<u>Senna marilandica</u>	0.005	0.0%	0.010
New England Aster	<u>Symphotrichum novae-</u>	0.126	0.4%	0.005
New Jersey Tea	<u>Ceanothus americanus</u>	0.005	0.0%	0.002
Obedient Plant (virginiana)	<u>Physostegia virginiana</u>	0.020	0.1%	0.005
Ohio Spiderwort	<u>Tradescantia ohioensis</u>	0.024	0.1%	0.008
Pale Purple Coneflower	<u>Echinacea pallida</u>	0.049	0.2%	0.020
Partridge Pea (A)	<u>Chamaecrista fasciculata</u>	0.149	0.5%	0.100
Plains Coreopsis (A)	<u>Coreopsis tinctoria</u>	0.962	3.4%	0.013
Prairie Blazing Star	<u>Liatris pycnostachya</u>	0.019	0.1%	0.007
Purple Coneflower	<u>Echinacea purpurea</u>	0.266	0.9%	0.100
Purple Prairie Clover	<u>Dalea purpurea</u>	0.640	2.3%	0.100
Rattlesnake Master	<u>Eryngium yuccifolium</u>	0.041	0.1%	0.010
Rosinweed	<u>Silphium integrifolium</u>	0.009	0.0%	0.010
Rough Blazing Star	<u>Liatris aspera</u>	0.027	0.1%	0.005
Roundhead Lespedeza	<u>Lespedeza capitata</u>	0.040	0.1%	0.010
Sawtooth Sunflower	<u>Helianthus grosseserratus</u>	0.145	0.5%	0.010
Seedbox	<u>Ludwigia alternifolia</u>	1.433	5.1%	0.003
Sensitive Brier	<u>Mimosa quadrivalvis var</u>	0.003	0.0%	0.004
Skyblue Aster	<u>Symphotrichum</u>	0.029	0.1%	0.001
Slender Mountain Mint	<u>Pycnanthemum tenuifolium</u>	1.388	4.9%	0.010
Smooth Aster	<u>Symphotrichum laeve</u>	0.047	0.2%	0.002
Stiff Goldenrod	<u>Oligoneuron rigidum, Soli-</u>	0.579	2.0%	0.025
Tall Bellflower	<u>Campanula americana</u>	0.250	0.9%	0.004
Tickseed Coreopsis	<u>Coreopsis tripteris</u>	0.046	0.2%	0.010
Tickseed Sunflower (A / B)	<u>Bidens aristosa</u>	0.149	0.5%	0.050
White Prairie Clover	<u>Dalea candida</u>	0.128	0.5%	0.020
White Wild Indigo	<u>Baptisia alba</u>	0.005	0.0%	0.008
Whorled Milkweed	<u>Asclepias verticillata</u>	0.004	0.0%	0.001
Wild Bergamot	<u>Monarda fistulosa</u>	0.961	3.4%	0.035
Wild Quinine	<u>Parthenium integrifolium</u>	0.039	0.1%	0.015
Yarrow	<u>Achillea millefolium</u>	1.309	4.6%	0.020
	Totals	28.30	100.0%	3.383

	PLS lbs/acre	PLS/ft <sup>2</sup>	% of Mix by PLS/ft <sup>2</sup>	Species Richness
Grasses	1.760	7.32	25.9%	9
Forbs	1.623	20.96	74.1%	58
Total	<b>3.383</b>	<b>28.28</b>	<b>100.0%</b>	<b>67</b>

Bloom Period	# of Species	% of Mix by PLS/ft <sup>2</sup>
Spring	6	8.57%
Summer	32	41.94%
Fall	20	23.62%