



The Bee & Butterfly Habitat Fund

Illinois Monarch Mix

2022

Species	Scientific Name	PLS lbs per acre	Seeds per sq ft	% of Mixture	Bloom Period	Pollinator Value
Big Bluestem, Pawnee	<i>Andropogon gerardii</i>	0.100	0.33	0.91%	--	--
Canada Blue Jointgrass	<i>Calamagrostis canadensis</i>	0.007	0.62	1.70%	--	--
Canada Wildrye	<i>Elymus canadensis</i>	0.500	1.31	3.60%	--	--
Little Bluestem, VNS	<i>Schizachyrium scoparium</i>	0.350	1.93	5.32%	--	--
Plains Oval Sedge	<i>Carex brevior</i>	0.040	0.60	1.64%	--	--
Prairie Dropseed	<i>Sporobolus heterolepis</i>	0.040	0.24	0.65%	--	--
Prairie Junegrass	<i>Koeleria pyramidata</i>	0.020	1.06	2.92%	--	--
Rough Dropseed	<i>Sporobolus clandestinus</i>	0.090	0.99	2.73%	--	--
Sideoats Grama, Native Source	<i>Bouteloua curtipendula</i>	0.400	1.46	4.02%	--	--
Anise Hyssop	<i>Agastache foeniculum</i>	0.030	0.99	2.73%	3	5
Annual or Common Sunflower, Native Source	<i>Helianthus annuus</i>	0.050	0.05	0.15%	3	5
Aromatic Aster	<i>Aster oblongifolius</i>	0.008	0.95	2.61%	3	5
Ashy Sunflower, Native Source	<i>Helianthus mollis</i>	0.030	0.14	0.38%	3	5
Blackeyed Susan	<i>Rudbeckia hirta</i>	0.030	1.09	2.99%	2	1
Blanketflower	<i>Gaillardia aristata</i>	0.200	0.86	2.36%	1	4
Blue Vervain	<i>Verbena hastata</i>	0.030	1.04	2.85%	2	5
Blue-eyed Grass, Native Source	<i>Sisyrinchium campestre</i>	0.005	0.08	0.23%	1	5
Butterfly Milkweed	<i>Asclepias tuberosa</i>	0.020	0.03	0.09%	2	5
Canada Milkvetch	<i>Astragalus canadensis</i>	0.070	0.43	1.20%	2	4
Canada Tick-trefoil	<i>Desmodium canadense</i>	0.050	0.10	0.28%	2	5
Clasping Coneflower	<i>Rudbeckia amplexicaulis</i> or <i>Dracopis amplexicaulis</i>	0.030	1.10	3.03%	1	2
Common Evening Primrose	<i>Oenothera biennis</i>	0.030	0.95	2.61%	2	4
Common Milkweed	<i>Asclepias syriaca</i>	0.040	0.08	0.21%	2	5
Compass Plant	<i>Silphium laciniatum</i>	0.030	0.01	0.02%	2	5
Culver's Root	<i>Veronicastrum virginicum</i>	0.005	1.38	3.79%	3	4
Cup Plant, Native Source	<i>Silphium perfoliatum</i>	0.020	0.03	0.08%	2	5
Deer Vetch, Native Source	<i>Acmispon americanus</i> or <i>Lotus unifoliolatus</i>	0.020	0.03	0.09%	3	4
Entire-leaved Rosinweed, Native Source	<i>Silphium integrifolium</i>	0.020	0.02	0.04%	2	5
False Boneset	<i>Brickellia eupatorioides</i>	0.015	0.18	0.50%	3	3
False or Oxeye Sunflower	<i>Heliopsis helianthoides</i>	0.100	0.24	0.66%	2	5
Foxglove Beardstongue, Native Source	<i>Penstemon digitalis</i>	0.015	0.14	0.38%	1	5
Golden Alexander	<i>Zizia aurea</i>	0.050	0.20	0.56%	1	5
Gray Goldenrod	<i>Solidago nemoralis</i>	0.006	0.14	0.38%	3	4
Grayhead Coneflower	<i>Ratibida pinnata</i>	0.045	0.44	1.22%	2	4
Hairy Beardstongue	<i>Penstemon hirsutus</i>	0.008	0.73	2.01%	1	5
Heath Aster	<i>Symphotrichum ericoides</i>	0.005	0.58	1.59%	3	5
Hoary Vervain, Native Source	<i>Verbena stricta</i>	0.035	0.47	1.30%	2	5
Illinois Bundleflower	<i>Desmanthus illinoensis</i>	0.200	0.39	1.07%	2	5
Ironweed	<i>Vernonia fasciculata</i>	0.025	0.22	0.61%	2	5
Lanceleaf Coreopsis	<i>Coreopsis lanceolata</i>	0.150	0.76	2.09%	2	4
Late or Giant Goldenrod, Native Source	<i>Solidago gigantea</i>	0.006	1.04	2.87%	3	5
Leadplant	<i>Amorpha canescens</i>	0.030	0.13	0.37%	2	5
Maximilian Sunflower	<i>Helianthus maximiliani</i>	0.060	0.27	0.74%	3	5
Missouri Goldenrod	<i>Solidago missouriensis</i>	0.006	0.87	2.39%	2	5
New England Aster	<i>Symphotrichum novae-angliae</i>	0.015	0.36	1.00%	3	5
Pale Purple Coneflower	<i>Echinacea pallida</i>	0.090	0.22	0.60%	2	5
Plains Coreopsis	<i>Coreopsis tinctoria</i>	0.015	1.11	3.05%	2	2
Plains Sunflower, Native Source	<i>Helianthus petiolaris</i>	0.050	0.13	0.36%	3	5
Prairie Aster	<i>Symphotrichum falcatum</i>	0.050	0.47	1.29%	3	5
Purple Coneflower	<i>Echinacea purpurea</i>	0.080	0.21	0.58%	2	5
Purple Prairieclover, Native Source	<i>Dalea purpurea</i>	0.040	0.29	0.80%	2	5
Rattlesnake Master	<i>Eryngium yuccifolium</i>	0.020	0.08	0.22%	3	4
Rough Gayfeather	<i>Liatris aspera</i>	0.015	0.09	0.26%	3	5
Rough Purple Gerardia, Native Source	<i>Agalinis aspera</i>	0.005	0.24	0.67%	2	4
Roundhead Lespedeza	<i>Lespedeza capitata</i>	0.030	0.12	0.33%	3	4
Sawtooth Sunflower	<i>Helianthus grosseserratus</i>	0.010	0.14	0.40%	3	5
Shell-leaf Penstemon	<i>Penstemon grandiflorus</i>	0.020	0.10	0.27%	1	5
Showy Partridgepea	<i>Chamaecrista fasciculata</i>	0.400	0.60	1.64%	2	5
Showy-wand Goldenrod	<i>Solidago speciosa</i>	0.008	0.79	2.16%	3	5
Smooth Blue Aster	<i>Symphotrichum laeve</i>	0.025	0.58	1.60%	3	5
Stiff Goldenrod, Native Source	<i>Solidago rigida</i>	0.020	0.31	0.85%	3	5
Stiff Sunflower	<i>Helianthus pauciflorus</i>	0.025	0.42	1.17%	2	4
Sullivant's Milkweed, Native Source	<i>Asclepias sullivantii</i>	0.010	0.02	0.05%	2	5
Swamp Milkweed, Native Source	<i>Asclepias incarnata</i>	0.015	0.05	0.15%	2	5
Sweet Blackeyed Susan	<i>Rudbeckia subtomentosa</i>	0.030	0.51	1.39%	2	2
Tall Boneset, Native Source	<i>Eupatorium altissimum</i>	0.007	0.13	0.35%	3	4
Tall Coreopsis	<i>Coreopsis tripteris</i>	0.015	0.57	1.56%	2	3

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Tube Penstemon	<i>Penstemon tubaeiflorus</i>	0.015	0.44	1.21%	2	5
Upright Coneflower	<i>Ratibida columnifera</i>	0.045	0.76	2.10%	2	2
Virginia Mountain Mint	<i>Pycnanthemum virginianum</i>	0.006	0.22	0.61%	2	4
Western Yarrow	<i>Achillea millefolium</i>	0.020	1.31	3.60%	1	2
White Prairieclover	<i>Dalea candida</i>	0.050	0.35	0.96%	2	5
Wild Bergamot	<i>Monarda fistulosa</i>	0.035	1.02	2.81%	2	5
Rice Hulls - Filler for low planting rate mixtures		3.000	0.00	0.00%	--	--
Grasses Total:		1.547	8.537	23.49%		
Wildflower/Forb/Legume Total:		2.640	27.804	76.51%		
Filler Total:		3.000	0.000	0.00%		
Total Mixture:		7.187	36.342	100.00%		

Bloom Period	Wildflowers Used in Mixture	% PLS Seeding Rate of Mix
1 = April to May	8	12.43%
2 = June to July	34	39.42%
3 = August to October	22	24.66%
Total :	64	

4.42	Pollinator Value (0-5)
<p>The Pollinator value score is determined based on a combination of factors described below. A score greater than 4.0 indicates the mixture is designed for great pollinator value.</p>	