



The Bee & Butterfly Habitat Fund

Ohio 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>	0.300	0.99	2.78%	--	--
Canada Wildrye	<i>Elymus canadensis</i>	0.500	1.31	3.66%	--	--
Little Bluestem, VNS	<i>Schizachyrium scoparium</i>	0.400	2.21	6.18%	--	--
Plains Oval Sedge	<i>Carex brevior</i>	0.050	0.74	2.08%	--	--
Prairie Junegrass	<i>Koeleria pyramidata</i>	0.020	1.06	2.97%	--	--
Sideoats Grama, Native Source	<i>Bouteloua curtipendula</i>	0.500	1.83	5.11%	--	--
Western Wheatgrass, Barton	<i>Elymus smithii</i>	0.300	0.78	2.19%	--	--
Ashy Sunflower, Native Source	<i>Helianthus mollis</i>	0.025	0.12	0.32%	3	5
Blackeyed Susan	<i>Rudbeckia hirta</i>	0.030	1.09	3.04%	2	1
Blanketflower - <i>G. pulchella</i>	<i>Gaillardia pulchella</i>	0.250	1.07	2.99%	1	4
Blue Vervain	<i>Verbena hastata</i>	0.030	1.04	2.90%	2	5
Butterfly Milkweed	<i>Asclepias tuberosa</i>	0.020	0.03	0.09%	2	5
Canada Milkvetch	<i>Astragalus canadensis</i>	0.100	0.62	1.74%	2	4
Canada Tick-trefoil	<i>Desmodium canadense</i>	0.100	0.20	0.57%	2	5
Common Evening Primrose	<i>Oenothera biennis</i>	0.035	1.11	3.09%	2	4
Common Milkweed, Michigan Native	<i>Asclepias syriaca</i>	0.050	0.09	0.26%	2	5
Cup Plant	<i>Silphium perfoliatum</i>	0.040	0.06	0.16%	2	5
Deer Vetch	<i>Lotus unifoliolatus</i>	0.030	0.05	0.13%	3	4
Dotted Mint	<i>Monarda punctata</i>	0.030	1.01	2.84%	2	4
False Boneset	<i>Brickellia eupatorioides</i>	0.025	0.30	0.84%	3	3
False or Oxeye Sunflower	<i>Heliopsis helianthoides</i>	0.200	0.48	1.34%	2	5
Foxglove Beardstongue	<i>Penstemon digitalis</i>	0.030	0.28	0.77%	1	5
Golden Alexander	<i>Zizia aurea</i>	0.100	0.40	1.13%	1	5
Gray Goldenrod	<i>Solidago nemoralis</i>	0.010	0.23	0.65%	3	4
Grayhead Coneflower	<i>Ratibida pinnata</i>	0.060	0.59	1.65%	2	4
Heath Aster	<i>Symphotrichum ericoides</i>	0.009	1.04	2.92%	3	5
Hoary Vervain	<i>Verbena stricta</i>	0.050	0.67	1.88%	2	5
Ironweed	<i>Vernonia fasciculata</i>	0.050	0.44	1.23%	2	5
Lanceleaf Coreopsis	<i>Coreopsis lanceolata</i>	0.200	1.01	2.84%	2	4
Late or Giant Goldenrod, Native Source	<i>Solidago gigantea</i>	0.006	1.04	2.92%	3	5
Maximilian Sunflower	<i>Helianthus maximiliani</i>	0.070	0.32	0.88%	3	5
Missouri Goldenrod	<i>Solidago missouriensis</i>	0.006	0.87	2.43%	2	5
New England Aster	<i>Symphotrichum novae-angliae</i>	0.025	0.61	1.70%	3	5
Plains Coreopsis	<i>Coreopsis tinctoria</i>	0.020	1.48	4.14%	2	2
Plains Sunflower	<i>Helianthus petiolaris</i>	0.070	0.18	0.51%	3	5
Prairie Aster	<i>Symphotrichum falcatum</i>	0.050	0.47	1.31%	3	5
Prairie Cinquefoil	<i>Drymocallis arguta</i>	0.010	1.01	2.83%	2	3
Purple Coneflower	<i>Echinacea purpurea</i>	0.150	0.40	1.11%	2	5
Purple Prairieclover	<i>Dalea purpurea</i>	0.090	0.65	1.83%	2	5
Rough Gayfeather	<i>Liatris aspera</i>	0.025	0.16	0.44%	3	5
Sawtooth Sunflower	<i>Helianthus grosseserratus</i>	0.010	0.14	0.40%	3	5
Shell-leaf Penstemon	<i>Penstemon grandiflorus</i>	0.035	0.17	0.48%	1	5
Showy Partridgepea	<i>Chamaecrista fasciculata</i>	0.600	0.90	2.51%	2	5
Showy-wand Goldenrod	<i>Solidago speciosa</i>	0.010	0.98	2.75%	3	5
Skyblue Aster	<i>Symphotrichum oolentangiense</i>	0.015	0.44	1.23%	3	5
Smooth Blue Aster	<i>Symphotrichum laeve</i>	0.025	0.58	1.63%	3	5
Stiff Goldenrod	<i>Solidago rigida</i>	0.035	0.54	1.51%	3	5
Stiff Sunflower	<i>Helianthus pauciflorus</i>	0.020	0.34	0.95%	2	4
Sullivant's Milkweed	<i>Asclepias sullivantii</i>	0.010	0.02	0.05%	2	5
Tall Boneset	<i>Eupatorium altissimum</i>	0.020	0.37	1.03%	3	4
Upright Coneflower	<i>Ratibida columnifera</i>	0.040	0.68	1.89%	2	2
Western Yarrow	<i>Achillea millefolium</i>	0.020	1.31	3.66%	1	2
Wild Bergamot	<i>Monarda fistulosa</i>	0.040	1.17	3.27%	2	5
Wild Senna	<i>Senna hebecarpa</i>	0.100	0.05	0.14%	2	2
Rice Hulls - Filler for low planting rate mixtures		2.500	0.00	0.00%	--	--
Grasses Total:		2.070	8.931	24.99%		
Wildflower/Forb/Legume Total:		2.976	26.804	75.01%		
Filler Total:		2.500	0.000	0.00%		
Total Mixture:		7.546	35.735	100.00%		

Bloom Period	Wildflowers Used in Mixture	% PLS Seeding Rate of Mix
1 = April to May	5	9.04%
2 = June to July	25	44.78%
3 = August to October	17	21.19%
Total :	47	

4.36	Pollinator Value (0-5)
<p><i>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.</i></p>	