



The Bee & Butterfly Habitat Fund

Ohio Honeybee Mixture

Fall 2022

Species	Scientific Name	PLS lbs per acre	Seeds per sq ft	% of Mixture	Bloom Period	Pollinator Value
Plains Oval Sedge	<i>Carex brevior</i>	0.060	0.89	2.58%	--	--
Prairie Junegrass	<i>Koeleria pyramidata</i>	0.030	1.59	4.61%	--	--
Alsike Clover	<i>Trifolium hybridum</i>	0.400	6.25	18.08%	2	5
Anise Hyssop	<i>Agastache foeniculum</i>	0.040	1.32	3.83%	3	5
Arrowleaf Clover	<i>Trifolium vesiculosum</i>	0.650	0.00	0.00%	2	4
Birdsfoot Trefoil	<i>Lotus corniculatus</i>	0.700	5.94	17.20%	2	5
Blackeyed Susan	<i>Rudbeckia hirta</i>	0.050	1.81	5.23%	2	1
Crimson Clover	<i>Trifolium incarnatum</i>	1.500	5.16	14.92%	2	5
Ladino or White Clover	<i>Trifolium repens</i>	0.350	5.72	16.55%	2	5
Red Clover	<i>Trifolium pratense</i>	0.300	1.87	5.42%	2	4
White Dutch Clover	<i>Trifolium repens</i>	0.200	4.00	11.58%	2	5
Rice Hulls - Filler for low planting rate mixtures		3.000	0.00	0.00%	--	--
Grasses Total:		0.090	2.488	7.20%		
Wildflower/Forb/Legume Total:		4.190	32.075	92.80%		
Filler Total:		3.000	0.000	0.00%		
Total Mixture:		7.280	34.563	100.00%		

Bloom Period	Wildflowers Used in Mixture	% PLS Seeding Rate of Mix
1 = April to May	0	0.00%
2 = June to July	8	88.98%
3 = August to October	1	3.83%
Total :	9	

4.33	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>	

The Pollinator Value Score is determined based on a combination of factors that include:

- The pollen and/or nectar value of the plant species.
- The ability of the plant species to establish and persist in pollinator seeding mixtures.
- Bee Integrated Program research results of pollinator pollen analysis.
- Unique pollinator biological life histories of the plant species.
- The total bloom period length of the plant species.
- The occurrence in early bloom periods (Bloom Period 1) that are hard to challenging to provide resources for.
- The commercial availability of the species for use in seeding mixtures.
- Value of the plant species pollen and nectar to commercial beekeepers.
- USGS Pollinator Library tool: <https://www.npwrc.usgs.gov/pollinator/home>
- The Ecoregional Revegetation Application tool: <http://www.nativerrevegetation.org/era/>
- Botanical and beekeeping reference materials that list the pollinator value of species.
- Field observations of floral resource use by pollinator species.