The Bee & Butterfly Habitat Fund

Kansas Honeybee Mixture

Fall 2022

Species	Scientific Name	PLS lbs per acre	Seeds per sq ft	% of Mixture	Bloom Period	Pollinator Value
Plains Oval Sedge, Native Source	*Carex brevior*	0.050	0.74	1.84%	--	--
Alsike Clover	*Trifolium hybridum*	0.300	4.69	11.55%	2	5
Anise Hyssop	*Agastache foeniculum*	0.030	0.99	2.44%	3	5
Birdsfoot Trefoil	*Lotus corniculatus*	0.300	2.55	6.28%	2	5
Blackeyed Susan	*Rudbeckia hirta*	0.080	2.89	7.13%	2	1
Clasping Coneflower	*Rudbeckia amplexicaulis or Dracopis amplexicaulis*	0.050	1.84	4.53%	1	2
Crimson Clover	*Trifolium incarnatum*	1.500	5.16	12.71%	2	5
Ladino or White Clover	*Trifolium repens*	0.350	5.72	14.10%	2	5
Lemon Mint or Lemon Bee Balm	*Monarda citriodora*	0.080	2.64	6.52%	2	3
Missouri Goldenrod, Native Source	*Solidago missouriensis*	0.005	0.72	1.79%	2	5
Phacelia	*Phacelia spp.*	0.700	3.94	9.70%	2	5
Red Clover	*Trifolium pratense*	0.200	1.25	3.08%	2	4
Sainfoin	*Onobrychis viciifolia*	1.200	0.83	2.05%	2	5
White Dutch Clover	*Trifolium repens*	0.330	6.60	16.28%	2	5
Rice Hulls - Filler for low planting rate mixtures		3.000	0.00	0.00%	--	--
	Grasses Total:	0.050	0.744	1.84%		
	Wildflower/Forb/Legume Total:	5.125	39.824	98.16%		
	Filler Total:	3.000	0.000	0.00%		
	Total Mixture:	**8.175**	**40.569**	**100.00%**		

Bloom Period	Wildflowers Used in Mixture	% PLS Seeding Rate of Mix
1 = April to May	1	4.53%
2 = June to July	11	91.19%
3 = August to October	1	2.44%
Total :	13	

4.23	**Pollinator Value (0-5)**

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.

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 occurence 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.nativerevegetation.org/era/**
Botanical and beekeeping reference materials that list the pollinator value of species.
Field observations of floral resource use by pollinator species.