

# Seed A Legacy Program

## Honey Bee Mix

2020

Species	Scientific Name	Suggested Seeding Rates	PLS lbs per acre	PLS seeds per sq ft	% of Mixture PLS	COC	Bloom Period	Pollinator Value
Alsike Clover	<i>Trifolium hybridum</i>	0.01 - 0.1	0.450	7.03	17.28%		2	5
Anise Hyssop	<i>Agastache foeniculum</i>	0.003 - 0.015	0.030	0.99	2.44%	--	3	5
Blackeyed Susan	<i>Rudbeckia hirta</i>	0.01 - 0.1	0.030	1.09	2.67%	3	2	1
Crimson Clover	<i>Trifolium incarnatum</i>	0.1 - 2.0	2.000	6.88	16.90%	--	2	5
Curly Top Gumweed, Native Source	<i>Grindelia squarrosa</i>	0.005 - 0.02	0.020	0.26	0.64%	--	3	5
Ladino or White Clover	<i>Trifolium repens</i>	0.1 - 0.5	0.450	7.35	18.08%	--	2	5
Lemon Mint or Lemon Bee Balm	<i>Monarda citriodora</i>	0.02 - 0.05	0.040	1.32	3.25%	--	2	3
Missouri Goldenrod, Native Source	<i>Solidago missouriensis</i>	0.001 - 0.007	0.006	0.87	2.14%	5	2	5
Phacelia	<i>Phacelia spp.</i>	0.08 - 0.5	0.600	3.37	8.30%	--	2	5
Red Clover	<i>Trifolium pratense</i>	0.1 - 2.0	0.500	3.12	7.68%	--	2	4
Sainfoin	<i>Onobrychis viciifolia</i>	0.5 - 2.0	2.000	1.39	3.41%	--	2	5
White Dutch Clover	<i>Trifolium repens</i>	0.1 - 0.5	0.350	7.00	17.22%	--	2	5
Rice Hulls - Filler for low planting rate mixtures		--	3.500	0.00	0.00%	--	--	--
Grasses Total:			0.000	0.000	0.00%			
Wildflower/Forb/Legume Total:			6.476	40.679	100.00%			
Filler Total:			3.500	0.000	0.00%			
<b>Total Mixture:</b>			<b>9.976</b>	<b>40.679</b>	<b>100.00%</b>			

Bloom Period	Wildflowers Used in Mixture	% PLS Seeding Rate of Mix
1 = April to May	0	0.00%
2 = June to July	10	96.92%
3 = August to October	2	3.08%
<b>Total :</b>	<b>12</b>	

4.42	<b>Pollinator Value</b>
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**The Pollinator Value Score is determined based on a combination of factors that include:**

- The pollen and/or nectar value of the plant species.
- Bee Integrated Program research results of pollinator pollen analysis
- Unique pollinator biological life histories of the plant species.
- The ability of the plant species to establish and persist in pollinator seeding mixtures.
- 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.nativevegetation.org/era/>
- Botanical and beekeeping reference materials that list the pollinator value of species.
- Field observations of floral resource use by pollinator species.