

Name: KS Biodiversity Mix B Nov 2023 Ver3

Legal Desc. _____

	Planned												Applied					
	Common Name	Scientific Name	Zone	% of Grass Mix	Seeds/Sq Ft @ 1lb/ac	PLS/Ft^2	Early	Mid	Late	Monarch Nectar Spp.	Planned PLS (lbs/acre)	Acres	Grass Total PLS (lbs)	Bulk Seeded (lbs)	Percent PLS *	Total PLS Seeded (lbs)	Remarks	
Grasses	Big Bluestem	Andropogon gerardii	Statewide	32.6%	3.31	1.656					0.500	1.00	0.50					
	Indiangrass	Sorghastrum nutans	Statewide	19.7%	4.01	1.003					0.250	1.00	0.25					
	Switchgrass	Panicum virgatum	Statewide	25.7%	5.95	1.308					0.220	1.00	0.22					
	Sand Lovegrass	Eragrostis trichodes	Statewide	22.0%	37.32	1.120					0.030	1.00	0.03					
				0.0%														
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				0.0%														
Grass Totals:				100%		5.086					1.000	1.00	1.00	0.00		0.00		
Forbs	White sagebrush	Artemisia ludoviciana	Statewide	2.3%	92.93	0.465	No	Yes	Yes	No	0.005	1.00	0.01					
	Annual sunflower (A)	Helianthus annuus	Statewide	1.3%	1.33	0.266	No	Yes	Yes	Yes	0.200	1.00	0.20					
	Swamp milkweed	Asclepias incarnata	Statewide	0.2%	1.76	0.039	No	Yes	Yes	Yes	0.022	1.00	0.02					
	Ashy sunflower	Helianthus mollis	C-E	0.2%	3.31	0.033	No	No	Yes	Yes	0.010	1.00	0.01					
	Black samson	Echinacea angustifolia	Statewide	0.2%	2.94	0.044	No	Yes	Yes	Yes	0.015	1.00	0.02					
	Black-eyed susan (B)	Rudbeckia hirta	Statewide	21.2%	36.17	4.341	Yes	Yes	Yes	Yes	0.120	1.00	0.12					
	Butterfly milkweed	Asclepias tuberosa	Statewide	0.2%	1.61	0.048	No	Yes	No	Yes	0.030	1.00	0.03					
	Canada milkvetch	Astragalus canadensis	Statewide	1.5%	6.21	0.310	Yes	Yes	No	No	0.050	1.00	0.05					
	Clasping coneflower (A)	Dracopis amplexicaulis	C-E	9.0%	36.73	1.837	Yes	Yes	No	No	0.050	1.00	0.05					
	Common milkweed	Asclepias syriaca	C-E	0.4%	1.47	0.088	Yes	Yes	Yes	Yes	0.060	1.00	0.06					
	Dotted gayfeather	Liatris punctata	Statewide	0.1%	1.45	0.017	No	Yes	Yes	Yes	0.012	1.00	0.01					
	Engelmann's daisy	Engelmannia peristenia	W-C	1.8%	2.75	0.358	Yes	Yes	Yes	Yes	0.130	1.00	0.13					
	False sunflower	Heliopsis helianthoides	C-E	1.4%	2.89	0.289	No	Yes	Yes	Yes	0.100	1.00	0.10					
	Grayhead coneflower	Ratibida pinnata	C-E	2.4%	9.81	0.491	No	Yes	No	No	0.050	1.00	0.05					
	Hoary vervain	Verbena stricta	Statewide	3.1%	10.28	0.638	No	Yes	Yes	Yes	0.062	1.00	0.06					
	Illinois bundleflower	Desmanthus illinoensis	Statewide	4.3%	1.95	0.878	No	Yes	No	No	0.450	1.00	0.45					
	Indian blanketflower (A)	Gaillardia pulchella	Statewide	6.7%	5.47	1.367	Yes	Yes	Yes	No	0.250	1.00	0.25					
	Plains coreopsis (A)	Coreopsis tinctoria	Statewide	3.3%	73.97	0.666	No	Yes	Yes	No	0.009	1.00	0.01					
	Lemon beebalm (A)	Monarda citriodora	Statewide	4.7%	19.26	0.963	Yes	Yes	No	Yes	0.050	1.00	0.05					
	Maximilian sunflower	Helianthus maximiliani	Statewide	2.2%	4.51	0.451	No	Yes	Yes	Yes	0.100	1.00	0.10					
	Leadplant	Amorpha canescens	Statewide	1.8%	4.48	0.359	No	Yes	No	Yes	0.080	1.00	0.08					
	Pitcher sage	Salvia azurea	Statewide	0.5%	6.89	0.103	No	Yes	Yes	Yes	0.015	1.00	0.02					
	Prairie spiderwort	Tradescantia occidentalis	W-C	0.1%	3.31	0.023	Yes	Yes	No	No	0.007	1.00	0.01					
	Purple prairie clover	Dalea purpurea	Statewide	3.7%	6.89	0.758	No	Yes	No	Yes	0.110	1.00	0.11					
	Rocky Mountain bee plant (A)	Cleome serrulata	W-C	1.2%	0.96	0.239	No	Yes	Yes	No	0.250	1.00	0.25					
	Roundhead lespedeza	Lespedeza capitata	Statewide	1.0%	3.99	0.200	No	Yes	Yes	No	0.050	1.00	0.05					
	Showy milkweed	Asclepias speciosa	W-C	0.8%	1.65	0.165	Yes	Yes	Yes	Yes	0.100	1.00	0.10					
	Showy partridge pea (A)	Chamaecrista fasciculata	Statewide	5.5%	1.49	1.119	No	Yes	Yes	No	0.750	1.00	0.75					
Forb Totals:				100%		20.463	10	33	23	20	3.294	1.00	3.29	0.00		0.00		

Percent of Total Mix:	Grass:	20%
	Forb:	80%

Total Mix PLS/Ft^2: **25.55**

% of forb mix: **47%**

Total Mix PLS lbs: **4.29**

CLEAR ALL

Certification

This applied practice meets Kansas standards and specifications.:

This practice has been applied as designed.:

NRCs Representative or Technical Service Provider

Date

Producer

Date

	Common Name	Scientific Name	Zone	% of Forb Mix	Seeds/Sq Ft @ 1lb/ac	PLS/Ft^2	Early	Mid	Late	Monarch Nectar Spp.	Planned PLS (lbs/acre)	Acres	Forb Total PLS (lbs)	Bulk Seeded (lbs)	Percent PLS *	Total PLS Seeded (lbs)	Remarks	
Forbs	False boneset	Brickellia eupatorioides	Statewide	0.5%	11.75	0.106	No	Yes	Yes	No	0.009	1.00	0.01					
	Spotted beebalm	Monarda punctata	Statewide	0.6%	33.06	0.132	No	Yes	No	Yes	0.004	1.00	0.00					
	Upright prairie coneflower	Ratibida columnifera	Statewide	4.1%	16.92	0.846	No	Yes	Yes	No	0.050	1.00	0.05					
	Western yarrow	Achillea millefolium	Statewide	9.6%	65.47	1.964	Yes	Yes	Yes	No	0.030	1.00	0.03					
	White heath aster	Symphotrichum ericoides	Statewide	1.1%	73.46	0.220	No	No	Yes	Yes	0.003	1.00	0.00					
	White prairie clover	Dalea candida	Statewide	1.6%	6.38	0.319	No	Yes	No	No	0.050	1.00	0.05					
	Wild bergamot	Monarda fistulosa	C-E	1.6%	29.21	0.321	No	Yes	No	Yes	0.011	1.00	0.01					
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% of forb mix 47%