

Background Information

FORB SPECIES	Input desired PLS	N/A	N/A		Planned PLS/ Acre in ounces.	TOTAL SEEDS/ SQ. FOOT	% OF FORB MIX BY SEEDS/FT 3/		% of mix by WEIGHT	SEEDS/oz	SEEDS/ SQ. FOOT At 1 oz/ac Rate	COC Selected	COC Reference	Pollinator Monarch Preferred Blue	Ounces PLS
DRY															
Bush Clover					0.00	0.00	0.0	OK	0.0	8000	0.18		3	Late	0.00
Culvers Root	0.05				0.05	0.92	8.8	OK	0.4	800000	18.37	5	5	Mid	0.05
Dotted Blazingstar					0.00	0.00	0.0	OK	0.0	7000	0.16		8	Mid	0.00
Purple Coneflower, Narrow Leaved					0.00	0.00	0.0	OK	0.0	7000	0.16		8	Mid	0.00
Prairie Cinquefoil					0.00	0.00	0.0	OK	0.0	230000	5.28		8	Late	0.00
Showy Penstemon					0.00	0.00	0.0	OK	0.0	14000	0.32		5	Early	0.00
Stiff Sunflower					0.00	0.00	0.0	OK	0.0	4000	0.09		5	Mid	0.00
Silky Aster					0.00	0.00	0.0	OK	0.0	26000	0.60		10	Late	0.00
DRY to MESIC															
Butterfly Weed					0.00	0.00	0.0	OK	0.0	4300	0.10		6	Mid	0.00
Canada Milkvetch	0.64			Legume	0.64	0.25	2.4	OK	5.0	17000	0.39	4	4	Mid	0.64
Compass Plant					0.00	0.00	0.0	OK	0.0	660	0.02		7	Mid	0.00
Evening Primrose	0.65				0.65	1.34	12.9	OK	5.0	90000	2.07	4	4	Mid	0.65
Foxglove Beardtongue	0.48				0.48	1.43	13.7	OK	3.7	130000	2.98	4	4	Early	0.48
Heart-leaved Alexander					0.00	0.00	0.0	OK	0.0	12000	0.28		8	Early	0.00
Heath Aster					0.00	0.00	0.0	OK	0.0	200000	4.59		3	Late	0.00
Hoary Vervain	0.8				0.80	0.51	4.9	OK	6.2	28000	0.64	1	1	Mid	0.80
Lance-leaved Coreopsis					0.00	0.00	0.0	OK	0.0	20000	0.46		1	Early	0.00
Leadplant				Legume	0.00	0.00	0.0	OK	0.0	16000	0.37		5	Mid	0.00
Long-headed Coneflower					0.00	0.00	0.0	OK	0.0	42000	0.96		5	Mid	0.00
Ontario Blazingstar					0.00	0.00	0.0	OK	0.0	14000	0.32		8	Late	0.00
Prairie Smoke					0.00	0.00	0.0	OK	0.0	27000	0.62		8	Early	0.00
Rough Blazingstar					0.00	0.00	0.0	OK	0.0	16000	0.37		8	Late	0.00
Showy Goldenrod	0.16				0.16	0.35	3.3	OK	1.2	95000	2.18	7	7	Late	0.16
Smooth Aster	0.32				0.32	0.40	3.9	OK	2.5	55000	1.26	7	7	Late	0.32
Spotted Beebalm					0.00	0.00	0.0	OK	0.0	70000	1.61		6	Mid	0.00
Stiff Tickseed					0.00	0.00	0.0	OK	0.0	10000	0.23		7	Mid	0.00
Thimbleweed					0.00	0.00	0.0	OK	0.0	26000	0.60		7	Mid	0.00
Whorled Milkweed					0.00	0.00	0.0	OK	0.0	11000	0.25		4	Mid-Late	0.00
Wild Blue Phlox					0.00	0.00	0.0	OK	0.0	12500	0.29		7	Early	0.00
Wild Columbine					0.00	0.00	0.0	OK	0.0	3800	0.09		6	Early	0.00
MESIC to WET															
Blanketflower					0.00	0.00	0.0	OK	0.0	9813	0.23		2	Mid	0.00
Canada Tick Trefoil	2.4			Legume	2.40	0.30	2.9	OK	18.6	5500	0.13	6	6	Mid	2.40
Common Ox-eye	1.12				1.12	0.16	1.6	OK	8.7	6300	0.14	4	4	Mid	1.12
Giant Sunflower					0.00	0.00	0.0	OK	0.0	10000	0.23		5	Late	0.00
Golden Alexanders	0.18				0.18	0.05	0.4	OK	1.4	11000	0.25	6	6	Early	0.18
Great Blue Lobelia					0.00	0.00	0.0	OK	0.0	500000	11.48		3	Late	0.00
Ironweed					0.00	0.00	0.0	OK	0.0	24000	0.55		3	Late	0.00
Meadow Blazingstar					0.00	0.00	0.0	OK	0.0	11000	0.25		8	Late	0.00
Mountain Mint					0.00	0.00	0.0	OK	0.0	220000	5.05		8	Mid	0.00
Partridge Pea	0.56			Legume	0.56	0.03	0.3	OK	4.3	2700	0.06	4	4	Mid	0.56
Rattlesnake Master					0.00	0.00	0.0	OK	0.0	7500	0.17		8	Mid	0.00
Sawtooth Sunflower					0.00	0.00	0.0	OK	0.0	10000	0.23		8	Late	0.00
Tall Blazingstar					0.00	0.00	0.0	OK	0.0	11000	0.25		6	Mid	0.00
Virginia Bluebells					0.00	0.00	0.0	OK	0.0	9700	0.22		6	Early	0.00
Wild Bergamot	0.48				0.48	0.77	7.4	OK	3.7	70000	1.61	2	2	Mid	0.48
Yellow Coneflower	0.64				0.64	0.44	4.2	OK	5.0	30000	0.69	4	4	Mid	0.64

WET														
Blue Vervain				0.00	0.00	0.0	OK	0.0	93000	2.13		3	Mid	0.00
Boneset				0.00	0.00	0.0	OK	0.0	160000	3.67		6	Late	0.00
Cup Plant				0.00	0.00	0.0	OK	0.0	1400	0.03		1	Mid	0.00
Joe-pye Weed				0.00	0.00	0.0	OK	0.0	95000	2.18		5	Mid	0.00
New England Aster	0.16			0.16	0.24	2.3	OK	1.2	66000	1.52	3	3	Late	0.16
Panicled Aster				0.00	0.00	0.0	OK	0.0	156000	3.58		4	Late	0.00
Sneezeweed				0.00	0.00	0.0	OK	0.0	130000	2.98		4	Late	0.00
Swamp Milkweed				0.00	0.00	0.0	OK	0.0	4800	0.11		4	Mid	0.00
DRY to WET														
Anise Hyssop				0.00	0.00	0.0	OK	0.0	91000	2.09		4	Mid	0.00
Black-eyed Susan	0.8			0.80	1.69	16.2	OK	6.2	92000	2.11	2	2	Late	0.80
Common Milkweed	0.9			0.90	0.08	0.8	OK	7.0	4000	0.09	1	1	Mid	0.90
Grassleaved Goldenrod				0.00	0.00	0.0	OK	0.0	350000	8.03		4	Mid	0.00
Illinois Bundleflower				0.00	0.00	0.0	OK	0.0	4200	0.10		4	Mid	0.00
Purple Prairie Clover	0.8		Legume	0.80	0.33	3.2	OK	6.2	18000	0.41	8	8	Mid	0.80
Maximillian Sunflower	0.32			0.32	0.10	0.9	OK	2.5	13000	0.30	4	4	Late	0.32
Stiff Goldenrod	0.8			0.80	0.75	7.2	OK	6.2	41000	0.94	4	4	Late	0.80
White Prairie Clover	0.64		Legume	0.64	0.28	2.7	OK	5.0	19000	0.44	10	10	Mid	0.64
Yarrow				0.00	0.00	0.0	OK	0.0	180000	4.13		1	Mid	0.00
Yellow Giant Hyssop				0.00	0.00	0.0	OK	0.0	91000	2.09		4	Late	0.00
ADDITIONAL APPROVED FORBS														
weasel thistle				0.00	0.00	0.0	OK	0.0	9100	0.21				0.00
				0.00	0.00	0.0	OK	0.0	9100	0.21				0.00
				0.00	0.00	0.0	OK	0.0	9100	0.21				0.00
				0.00	0.00	0.0	OK	0.0	9100	0.21				0.00
				0.00	0.00	0.0	OK	0.0	9100	0.21				0.00
				0.00	0.00	0.0	OK	0.0	9100	0.21				0.00
TOTAL OUNCES PLS				12.90	10.44	100.0		100.0		AVE COC FORB	4.5			

TOTAL SEEDS/FT <u>4/</u>	35.1
PERCENT GRASS <u>5/</u>	70.25
PERCENT FLOWER	29.75
AVE. COC - MIX	4.9
SPECIES RICHNESS	28

OK 3/ Individual species not to exceed 50% of the forb component by seeds/ft

OK 4/ Minimum 35-40 seeds/square foot

OK 5/ Maximum 90% grasses

OK 6/ Assignment of Coefficients

0 to 3 : Plants with a high range of ecological tolerances/found in a variety of plant communities

4 to 6 : Plants with an intermediate range of ecological tolerances/ associated with a specific plant community

7 to 8 : Plants with a poor range of ecological tolerances/associated with advanced successional stage

9 to 10 : Plants with a high degree of fidelity to a narrow range of pristine habitats

7/ Consult with the appropriate NRCS Area Resource Conservationist or Biologist for prior approval of additional species.