

# Seeding Plan

Name MN Monarch Habitat

Date 8/21/2024

Prepared by \_\_\_\_\_

Tract No./ Field No. \_\_\_\_\_

Type of Seeding: 327 - Monarch Habitat

Field Area (acres): 1.00

## Seeding Mix Summary

327 - 420 CONSERVATION COVER - MONARCH HABITAT

Grasses/ Sedges	Common Name	Scientific Name	PLS Lbs/Acre	Drilled	Broadcast
				Rate	Rate
				PLS Lbs	PLS Lbs
1	Big bluestem	Andropogon gerardii	0.6	0.60	0.90
2	Indiangrass	Sorghastrum nutans	0.25	0.25	0.38
3	Little bluestem	Schizachyrium scoparium	0.65	0.65	0.98
4	Rough dropseed	Sporobolus compositus	0.12	0.12	0.18
5	Side oats grama	Bouteloua curtipendula	0.3	0.30	0.45
6	Canada wild rye	Elymus canadensis	0.6	0.60	0.90
7	Green needlegrass	Nassella viridula	0.25	0.25	0.38
8	Junegrass	Koeleria macrantha	0.01	0.01	0.02
9	Virginia wild rye	Elymus virginicus	0.7	0.70	1.05
			<b>3.48</b>	<b>3.48</b>	<b>5.22</b>

Forbs/ Legumes	Common Name	Scientific Name	PLS OZ/Acre	Total PLS/OZ	Drilled	Broadcast
					Total PLS Lbs	Total PLS Lbs
1	Butterfly weed	Asclepias tuberosa	0.1	0.10	0.01	0.01
2	Foxglove Beardtongue	Penstemon digitalis	1.4	1.40	0.09	0.13
3	Hoary vervain	Verbena stricta	2	2.00	0.13	0.19
4	Lance-leaved coreopsis	Coreopsis lanceolata	7	7.00	0.44	0.66
5	Purple Coneflower - Eastern	Echinacea purpurea	2.5	2.50	0.16	0.23
6	Smooth aster	Symphyotrichum laeve	0.1	0.10	0.01	0.01
7	Common oxeye	Heliopsis helianthoides	1	1.00	0.06	0.09
8	Great blue lobelia	Lobelia siphilitica	0.17	0.17	0.01	0.02
9	Rattlesnake master	Eryngium yuccifolium	0.15	0.15	0.01	0.01
10	Wild bergamot	Monarda fistulosa	2	2.00	0.13	0.19
11	Black-eyed susan	Rudbeckia hirta	2	2.00	0.13	0.19
12	Common milkweed	Asclepias syriaca	6	6.00	0.38	0.56
13	Prairie spiderwort	Tradescantia occidentalis	0.2	0.20	0.01	0.02
14	Maximilian sunflower	Helianthus maximiliani	2	2.00	0.13	0.19
15	Stiff goldenrod	Oligoneuron rigidum	0.1	0.10	0.01	0.01
16	White prairie clover	Dalea candida	2	2.00	0.13	0.19
			<b>28.72</b>	<b>28.72</b>	<b>1.80</b>	<b>2.69</b>

**SUBTOTAL FORBS/Legumes 28.72    28.72    1.80    2.69**

**DRILLED RATE- listed above**

**Broadcast is 1.5 times drilled rate - this rate listed on right    G    5.22    Forb lbs    2.7**

**Seeding Dates**

**Seeding Method and Seedbed Preparation**

	<b>TOTAL SEEDS/FT</b>	4/	<b>36.0</b>
<b>Companion Crop</b>	<b>PERCENT GRASS</b>	5/	<b>41.8</b>
	<b>PERCENT FLOWER</b>		<b>58.2</b>
	<b>Percent Milkweed</b>		<b>1.6</b>

**Fertilizer is Only Recommended For Introduced Grass or Grass/Legume Mixtures**