

327 -420 CONSERVATION COVER POLLINATOR HABITAT

Seed Mix Design

DATE 4/2/2026

Copy to Seeding Plan

LANDOWNER MN PF 327 Pollinator

N/A

TRACT/FIELD

PLANNER Pheasants Forever

N/A 0

Acres To Seed 1.00

Seed Tag type Seed Mix Design

Set Seed Tag Type to Seed Mix Design

Background Information

Copy to Certificate

GRASS SPECIES	REF #	Input Desired PLS	N/A	N/A	PLANNED % OF GRASS COMPONENT BY SEEDS/SQ. FOOT	Planned PLS/ Acre in lbs.	TOTAL SEEDS/ SQ. FOOT	% OF GRASS MIX BY SEEDS/FT 1/		SEEDS/lb.	SEEDS/ SQ. FOOT At 1 lb/ac Rate	POUNDS PLS
					Planned			Can't Exceed Planned %				
Big bluestem	1	0.2			0 to 25	0.20	0.81	8.9	OK	176000	4.0	0.20
Blue grama	3	0.1			0 to 20	0.10	1.72	19.0	OK	750000	17.2	0.10
Indiangrass	7	0.2			0 to 25	0.20	0.89	9.8	OK	193000	4.4	0.20
Little bluestem	6	0.4			0 to 30	0.40	2.63	28.9	OK	286000	6.6	0.40
Prairie cordgrass	8				0 to 5	0.00	0.00	0.0	OK	183000	4.2	0.00
Prairie dropseed	10				0 to 10	0.00	0.00	0.0	OK	224000	5.1	0.00
Prairie sandreed	4				0 to 30	0.00	0.00	0.0	OK	275000	6.3	0.00
Rough dropseed	9	0.05			0 to 10	0.05	0.55	6.1	OK	480000	11.0	0.05
Side oats grama	2	0.6			0 to 30	0.60	2.48	27.3	OK	180000	4.1	0.60
Switchgrass	5				0 to 5	0.00	0.00	0.0	OK	390000	9.0	0.00
					0	0.00	0.00	0.0	OK	0	0.0	0.00
					0	0.00	0.00	0.0	OK	0	0.0	0.00
					0	0.00	0.00	0.0	OK	0	0.0	0.00
If no species entered this row	199				0	0.00	0.00	0.0	OK	0	0.0	0.00
If no species entered this row	199				0	0.00	0.00	0.0	OK	0	0.0	0.00
If no species entered this row	199				0	0.00	0.00	0.0	OK	0	0.0	0.00
Canada bluejoint	13				0 to 5	0.00	0.00	0.0	OK	4480000	102.8	0.00
Canada wild rye	14				0 to 10	0.00	0.00	0.0	OK	115000	2.6	0.00
Green needlegrass	21				0 to 10	0.00	0.00	0.0	OK	180000	4.1	0.00
Junegrass	20				0 to 5	0.00	0.00	0.0	OK	2315000	53.1	0.00
Kalms brome	12				0 to 10	0.00	0.00	0.0	OK	128000	2.9	0.00
Porcupine grass	19				0 to 10	0.00	0.00	0.0	OK	57000	1.3	0.00
Slender wheatgrass	15				0 to 10	0.00	0.00	0.0	OK	155000	3.6	0.00
Virginia wild rye	16				0 to 10	0.00	0.00	0.0	OK	96000	2.2	0.00
Western wheatgrass	22				0 to 10	0.00	0.00	0.0	OK	112000	2.6	0.00
Fringed brome	11				0 to 10	0.00	0.00	0.0	OK	160000	3.7	0.00
American mannagrass	17				0 to 10	0.00	0.00	0.0	OK	1280000	29.4	0.00
Fowl mannagrass	18				0 to 10	0.00	0.00	0.0	OK	2561328	58.8	0.00
Bicknell's sedge	23				0 to 10	0.00	0.00	0.0	OK	560000	12.9	0.00
Common fox sedge	27				0 to 10	0.00	0.00	0.0	OK	1598652	36.7	0.00
Pointed broom sedge	25				0 to 10	0.00	0.00	0.0	OK	1346000	30.9	0.00
					0							

TOTAL - Pounds PLS Drill Seeding	1.55	9.07	100.0
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1/ ACTUAL SEEDS PER SQUARE FOOT SHALL BE WITHIN THE RANGE SPECIFIED IN PLANNED CONDITION

FORB SPECIES	REF #	Input Desired PLS	N/A	N/A	Planned PLS/ Acre in ounces.	TOTAL SEEDS/ SQ. FOOT	% OF FORB MIX BY SEEDS/FT 2/	SEEDS/oz	SEEDS/ SQ. FOOT At 1 oz/ac Rate	Bloom Period Early = April-June Mid = June-August Late = August-Oct.	BLOOM COLOR	OUNCES PLS	
DRY TO MESIC													
Butterfly weed	42				0.00	0.00	0.0	OK	4300	0.10	Mid	Orange	0.00
Canada milkvetch	44	1		Legume	1.00	0.39	1.5	OK	17000	0.39	Mid	Cream	1.00
Compass plant	67				0.00	0.00	0.0	OK	660	0.02	Mid	Yellow	0.00
Culver's root	103	0.16			0.16	2.94	11.1	OK	800000	18.37	Mid	White	0.16
Dotted blazing star	30				0.00	0.00	0.0	OK	7000	0.16	Mid	Purple	0.00
Evening primrose	117	1.6			1.60	3.31	12.5	OK	90000	2.07	Mid	Yellow	1.60
Foxglove Beardtongue	62	0.8			0.80	2.39	9.0	OK	130000	2.98	Early	White	0.80
Ground plum	28				0.00	0.00	0.0	OK	5200	0.12	Early	Purple	0.00
Hoary vervain	74	0.24			0.24	0.15	0.6	OK	28000	0.64	Mid	Blue	0.24
Lance-leaved coreopsis	48				0.00	0.00	0.0	OK	20000	0.46	Early	Yellow	0.00
Leadplant	37	0.72		Legume	0.72	0.26	1.0	OK	16000	0.37	Mid	Purple	0.72
Long-headed coneflower	64				0.00	0.00	0.0	OK	42000	0.96	Mid	Yellow	0.00
Ontario blazing star	29				0.00	0.00	0.0	OK	14000	0.32	Late	Purple	0.00
Purple Coneflower - Narrow	53				0.00	0.00	0.0	OK	7000	0.16	Mid	Pink	0.00
Purple Coneflower - Eastern	113				0.00	0.00	0.0	OK	7000	0.16	Mid	Pink	0.00
Rough blazing star	58				0.00	0.00	0.0	OK	16000	0.37	Late	Purple	0.00
Showy goldenrod	69	0.1			0.10	0.22	0.8	OK	95000	2.18	Late	Yellow	0.10
Large-flowered penstemon (S)	32				0.00	0.00	0.0	OK	14000	0.32	Early	Lavender	0.00
Silky aster	33				0.00	0.00	0.0	OK	26000	0.60	Late	Purple	0.00
Sky blue aster	71				0.00	0.00	0.0	OK	80000	1.84	Late	Blue	0.00
Smooth aster	70	0.1			0.10	0.13	0.5	OK	55000	1.26	Late	Blue	0.10
Spotted beebalm	60	0.21			0.21	0.34	1.3	OK	70000	1.61	Mid	Lavender/Gre	0.21
Stiff sunflower	55				0.00	0.00	0.0	OK	4000	0.09	Late	Yellow	0.00
Stiff stickseed	49				0.00	0.00	0.0	OK	10000	0.23	Mid	Yellow	0.00
Whorled milkweed	43				0.00	0.00	0.0	OK	11000	0.25	Mid	White	0.00
Wild columbine	39				0.00	0.00	0.0	OK	38000	0.87	Early	Red	0.00
Wild lupine	31			Legume	0.00	0.00	0.0	OK	1100	0.03	Early	Purple	0.00
White wild indigo	45			Legume	0.00	0.00	0.0	OK	1700	0.04	Early	White	0.00
MESIC to WET MESIC													

TOTAL SEEDS/FT ² <u>3/</u>	35.5	OK
PERCENT GRASS	25.56	Ok
PERCENT FORBS <u>4/</u>	74.44	Ok
n, Indiangrass and Switch combined are < 10% of mix	4.8	OK

2/ Individual species not to exceed 20% of the forb component by seeds/ft

3/ Minimum 35-40 seeds/ft²

4/ 50-75% forbs

5/ Consult appropriate NRCS Area Resource Conservationist or Biologist for prior approval

6/ 25-50% grasses

7/ Must Have 3 species from each bloom period

Total Species by Bloom Period

Early Total	3.00
Mid Total	17.00
Late Total	6.00