

LANDOWNER:

WI PF Mix B

TRACT #

Design by:

PF

Checked by: _____

County:

BROWN

FIELD #

Date:

1/1/2020

Check Date:

NRCS STANDARD

327 342 512

ACRES

1.00

CONSERVATION MIXES

Rate Specification/Acre

Dry Dry-Mesic Mesic Wet-Mesic Wet All

LBS/A Seeds/SF

Introduced Native ALL

Pollinator? Yes No

PASTURE MIXES

Introduced Native ALL

PREVALENT FSG

1 2 3 4 5

6 7 8 9

Common Name Lookup

Select Scientific Name →

Common Name =

Enter Unit Cost for:

CHOOSE YOUR GRASSES

Common Name	Scientific Name	Lbs / acre PLS	Seeds/ft ² /ac PLS	Blooming Period	Cost (\$/lb)	Growth Form	Moisture Regime	% of Mix
Switchgrass	Panicum virgatum	0.25		Middle	\$ 13.50	Bunch	D, DM, M, WM,W	5.4%
	Grass		2.2					
Fox Sedge	Carex vulpinoidea	0.21		Early	\$ 230.00	Bunch	WM, W	18.7%
	Sedge		7.7					
GRASSES Total/Acre:		0.5	9.9					

CHOOSE YOUR FORBS/LEGUMES

can enter PLS in lbs/acre OR Oz./acre

Common Name	Scientific Name	Lbs / acre PLS	Seeds/SF/ac PLS	Oz. / acre PLS	Blooming Period	Color Code	Cost (\$/lb)	Moisture Regime
Forb	Functional Group						Cost (\$/oz)	
	Golden Alexanders	Zizia aurea		1.3	Early		\$ 108.00	M, WM, W
	Forb	0.08	0.3	\$ 6.75				
Prairie Alum-Root	Heuchera richardsonii			0.1	Early-Middle		\$ 1,312.00	D,DM, M, WM
	Forb	0.01	1.7	\$ 82.00				
New England Aster	Symphotrichum novae-angliae			0.2	Late		\$ 492.00	M, WM
	Forb	0.01	0.3	\$ 30.75				
Smooth Blue Aster	Symphotrichum laeve			0.1			\$ 368.00	DM, M, WM

	▼	Forb	0.01	0.1	Late		\$ 23.00	
Foxglove Beardtongue		Penstemon digitalis		0.3	Early-Middle		\$ 204.00	M, WM
	▼	Forb	0.02	0.8			\$ 12.75	
Bergamot		Monarda fistulosa		1.3	Middle-Late		\$ 412.00	DM, M, WM
	▼	Forb	0.08	2.3			\$ 25.75	
Prairie Blazing Star		Liatris pycnostachya		0.8	Middle-Late		\$ 412.00	D,DM, M, WM
	▼	Forb	0.05	0.2			\$ 25.75	
Boneset		Eupatorium perfoliatum		0.5	Middle-Late		\$ 820.00	WM,W
	▼	Forb	0.03	1.8			\$ 51.25	
Cardinal Flower		Lobelia cardinalis		0.1	Middle-Late		\$ 1,232.00	WM, W
	▼	Forb	0.01	0.9			\$ 77.00	
Compassplant		Silphium laciniatum		0.3	Middle-Late		\$ 244.00	DM, M, WM
	▼	Forb	0.02	0.0			\$ 15.25	
Yellow Coneflower		Ratibida pinnata		0.6	Middle-Late		\$ 72.00	D, DM, M, WM
	▼	Forb	0.04	0.4			\$ 4.50	
Culver's Root		Veronicastrum virginicum		0.1	Middle		\$ 1,232.00	M, WM, W
	▼	Forb	0.01	1.7			\$ 77.00	
Cupplant		Silphium perfoliatum		0.3	Middle-Late		\$ 204.00	M, WM, W
	▼	Forb	0.02	0.0			\$ 12.75	
Common Ironweed		Vernonia fasciculata		0.2	Late		\$ 244.00	WM, W
	▼	Forb	0.01	0.1			\$ 15.25	
Joe-Pye Weed		Eutrochium maculatum		0.2	Middle-Late		\$ 576.00	W
	▼	Forb	0.01	0.4			\$ 36.00	
Great Blue Lobelia		Lobelia siphilitica		0.3	Middle-Late		\$ 656.00	W
	▼	Forb	0.02	3.4			\$ 41.00	
Canada Milkvetch		Astragalus canadensis		5.6	Middle		\$ 84.00	M, WM
	▼	Legume	0.35	2.1			\$ 5.25	
Marsh Milkweed		Asclepias incarnata		0.5	Middle		\$ 412.00	W
	▼	Forb	0.03	0.1			\$ 25.75	
Mountain Mint		Pycnanthemum virginianum		0.3	Middle-Late		\$ 1,232.00	DM, M, WM, W
	▼	Forb	0.02	1.5			\$ 77.00	
Purple Meadow-Rue		Thalictrum dasycarpum		0.1	Middle		\$ 576.00	M, WM, W
	▼	Forb	0.01	0.0			\$ 36.00	
Rosinweed		Silphium integrifolium		0.2	Middle-Late		\$ 204.00	DM, M, WM
	▼	Forb	0.01	0.0			\$ 12.75	
Sneezeweed		Helenium autumnale		1.2	Middle-Late		\$ 332.00	WM, W
	▼	Forb	0.08	3.6			\$ 20.75	
Black-Eyed Susan		Rudbeckia hirta		2.0	Middle-Late		\$ 48.00	D, DM, M, WM
	▼	Forb	0.13	4.6			\$ 3.00	
Sweet Black-Eyed Susan		Rudbeckia subtomentosa		0.5	Middle-Late		\$ 72.00	DM,M, WM
	▼	Forb	0.03	0.5			\$ 4.50	
Blue Vervain		Verbena hastata		2.0	Middle-Late		\$ 108.00	WM, W
	▼	Forb	0.13	4.3			\$ 6.75	

MIX TOTALS TABLE	lbs / acre PLS	seeds / ft ² PLS	Oz./acre PLS	Number in Mix	% of Mix	% Sod- Forming Grasses	Estimated Cost/Acre
Introduced Grasses							
Native Grasses	0.5	9.9	7.4	2	24%		
GRASSES TOTAL	0.5	9.9	7.4	2	24%		\$52
Forbs	0.8	29.2	13.5	24.0	71%		
Introduced Legumes							
Native Legumes	0.4	2.1	5.6	1.0	5%		
F/L TOTAL	1.2	31.3	19.1	25	76%	N/A	\$276
GRAND TOTAL	1.7	41.2	26.5	27.0	100%	0%	\$ 328
Forbs (MONARCH), if applicable)	0.425	15.1	6.8		48%	Min. 60% of forbs need Monarch Friendly for Monar	



327	Native Species								Notes
	Grasses^a		Forbs/Legumes^b		Seeding Periods				
Mix Type	No.	seeds/ft²	No.	seeds/ft²	Spring	Late Summer	Dormant^c	Frost^c	
Basic Prairie ^d	≥ 3	≥ 20	≥ 3	≥ 2	X	NR	X	X	Grasses must be at least 50% of mix.
Prairie Restoration ^d	≥ 5	≥ 15	≥ 10	≥ 8	X	NR	X	X	Grasses must be at least 50% of mix. One forb must be a legume.
Pollinator Habitat	1-2	≤ 10	≥ 9	≥ 30	X	NR	X	X	Grasses must be bunch-type. At least 3 early, 3 middle, and 3 late-blooming forbs.
Untested Local Genotype Seed	≥ 5	≥ 25	≥ 10	≥ 10	X	NR	X	X	Mix must be at least 50 seeds/sq. ft. total. Grasses must be at least 50% of mix. One forb must be a legume. If a single species makes up more than 20% of mix, only count 20% towards the total seeds/ft ² .

(a) Limit Canada Wildrye, Virginia Wildrye, and Sideoats Grama to no more than 20% of the total grasses.

(b) If more than 20% of legumes are hard seed, increase rate by % of hard seed.

(c) Increase rate 15% for frost and dormant seedings.

(d) Maximum rates/acre for the following species: Switchgrass (1 lb.), Junegrass (2 oz.), Black-eyed Susan (2 oz.), Bergamot (2 oz.), or Purple Coneflower (3 oz.).