



Natural Resources Conservation Service

# Seeding Plan

Criteria Revision Update 5/26/2020 Species Information Update 5/26/2020

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

Date **12/29/2021**

Tract No. \_\_\_\_\_

Field No. \_\_\_\_\_

Program: \_\_\_\_\_

Field Area (acres): 1.000

Contract No. \_\_\_\_\_

Type of Seeding: 643 - Restoration of Rare or Declining Commun \_\_\_\_\_

**Source Identified Ecotype Seed:**

Within 300 miles of planting location

Required  Preferred

## Seeding Plan

Grasses	Scientific Name	Common Name	PLS		Estimated Cost*
			Lbs/Acre	PLS Lbs	
1	<i>Schizachyrium scoparium</i>	Bluestem, Little	0.085	0.085	\$1.02
2	<i>Elymus canadensis</i>	Wildrye, Canada	0.38	0.38	\$0.76
3	<i>Bouteloua curtipendula</i>	Grama, Sideoats	0.11	0.11	\$1.03
4	<i>Sporobolus compositus</i>	Dropseed, Composite	0.091	0.091	\$1.56
5	<i>Koeleria macrantha</i>	Junegrass, Prairie	0.030	0.030	\$2.23
6	<i>Eragrostis spectabilis</i>	Lovegrass, Purple	0.0097	0.0097	\$7.78
7					
8					
9					
10					

**SUBTOTAL GRASSES 0.71 0.71 \$14.38**

Forbs/Legumes	Scientific Name	Common Name	PLS		Estimated Cost
			Lbs/Acre	PLS Lbs	
1	<i>Symphotrichum oolentangiense</i>	Aster, Skyblue	0.032	0.032	\$9.72
2	<i>Comandra umbellata</i>	Bastard Toadflax	0.0073	0.0073	\$14.00
3	<i>Penstemon hirsutus</i>	Beardtongue, Hairy	0.012	0.012	\$5.14
4	<i>Penstemon pallidus</i>	Beardtongue, Pale	0.015	0.015	\$2.27
5	<i>Oenothera Gaura</i>	Beeblossom, Biennial	0.10	0.10	\$15.13
6	<i>Campanula rotundifolia</i>	Bellflower, Bluebell (Harebell)	0.0061	0.0061	\$7.26
7	<i>Monarda fistulosa</i>	Bergamot, Wild	0.054	0.054	\$8.17
8	<i>Liatris aspera</i>	Blazing Star, Tall	0.085	0.085	\$19.14
9	<i>Sisyrinchium campestre</i>	Blue-eyed Grass, Prairie	0.018	0.018	\$13.61
10	<i>Brickellia eupatorioides</i>	Boneset, False	0.026	0.026	\$15.31
11	<i>Desmanthus illinoensis</i>	Bundleflower, Illinois	0.21	0.21	\$9.67
12	<i>Desmodium canadense</i>	Ticktrefoil, Showy	0.099	0.099	\$14.85
13	<i>Ratibida pinnata</i>	Coneflower, Pinnate Prairie (Gray-headed)	0.021	0.021	\$1.26
14	<i>Solidago nemoralis</i>	Goldenrod, Gray (Field)	0.0045	0.0045	\$2.72
15	<i>Solidago juncea</i>	Goldenrod, Early	0.0066	0.0066	\$4.42
16	<i>Lobelia spicata</i>	Lobelia, Palespike	0.0061	0.0061	\$6.90
17	<i>Astragalus canadensis</i>	Milkvetch, Canadian	0.052	0.052	\$6.28
18	<i>Silphium terebinthinaceum</i>	Rosinweed, Prairie (Prairie Dock)	0.027	0.027	\$8.17
19	<i>Helianthus pauciflorus</i>	Sunflower, Stiff	0.048	0.048	\$14.29

20	<i>Rudbeckia hirta</i>	Susan, Black-eyed	0.029	0.029	\$1.31
21	<i>Silene stellata</i>	Widowsfrill (Starry Campion)	0.0091	0.0091	\$8.71
22	<i>Pycnanthemum verticillatum</i>	Mountainmint, Whorled	0.015	0.015	\$2.65
23	<i>Heliopsis helianthoides</i>	Oxeye, Smooth (False Sunflower)	0.17	0.17	\$10.05
24	<i>Chamaecrista fasciculata</i>	Partridge Pea	0.26	0.26	\$6.59
25	<i>Dalea purpurea</i>	Prairie Clover, Purple	0.16	0.16	\$7.21
26	<i>Dalea candida</i>	Prairie Clover, White	0.14	0.14	\$12.90
27	<i>Phlox pilosa</i>	Phlox, Downy (Prairie)	0.011	0.011	\$13.76
28	<i>Ruellia humilis</i>	Wild Petunia, Fringeleaf	0.026	0.026	\$8.38
29	<i>Pedicularis canadensis</i>	Lousewort, Canadian (Wood Betony)	0.025	0.025	\$23.76
30	<i>Asclepias tuberosa</i>	Milkweed, Butterfly	0.063	0.063	\$18.99
31	<i>Asclepias syriaca</i>	Milkweed, Common	0.068	0.068	\$8.17
32	<i>Asclepias verticillata</i>	Milkweed, Whorled	0.025	0.025	\$18.56
33					
34					
35					
<b>SUBTOTAL FORBS</b>			<b>1.84</b>	<b>1.84</b>	<b>\$319.34</b>

Sub-Shrub	Scientific Name	Common Name	PLS Lbs / Acre	PLS Lbs	Estimated Cost
1	<i>Ceanothus americanus</i>	Tea, New Jersey	0.012	0.012	\$10.50
<b>2000</b>			<b>0.01</b>	<b>0.01</b>	<b>\$10.50</b>
<b>TOTAL</b>			<b>2.56</b>	<b>2.56</b>	<b>\$344.23</b>

Soil Amendments	General Soil Test	Total Needed lbs/ac
Lime (ECCE) (Actual Lime)	NA	
Nitrogen	NA	
Phosphate (P205)	NA	
Potash (K20)	NA	

Seeding Dates:	Option 1 Dormant Zone I: 12/ 1-2/ 15	Option 2
Companion/Nurse Crop:	NA	NA
512 Only Companion/Nurse Crops: *Not to exceed 32lb/ac.	NA	

**Seeding Depth and Method (drilled or broadcast)** DO NOT DRILL- Broadcast or Airflo seeding methods prior to a snow event

**Additional Seeding Criteria:** Mix seed with a carrier and dormant seeding (Broadcast or Airflo) December through late January to provide adequate days for cold/moist stratification for optimal forbs germination

**CERTIFICATION**

**Extent of Practice Applied (treatment acres):**

<b>Date of Application:</b>	<b>Location of Practice:</b>
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**Document actual preparation measures used & applied (note alterations between design specifications & installation):**

I certify that this practice, as implemented, meets NRCS standards and specifications.

NRCS Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**When seeding is completed, return the seeding plan, receipts and seed tags to:  
The Natural Resources Conservation Service for NRCS Programs  
The Farm Service Agency for FSA Programs**

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