

Seeding Plan

Name 23F Hawkeye Tallgrass 20-20 IA Ecotype
Prepared by _____

Date 8/23/2023
Tract No. _____
Field No. _____

Program: _____

Acres: 1.00 Contract No. _____
Moisture Regime _____

Seeding Mix Summary

Grasses	Scientific Name	Common Name	Seeds/Ft ²	PLS Lbs/Acre	PLS Lbs Total
1	<i>Andropogon gerardii</i>	Big Bluestem	4.500	1.225	1.23
2	<i>Sorghastrum nutans</i>	Indiangrass	3.000	0.681	0.68
3	<i>Panicum virgatum</i>	Switchgrass	4.000	0.778	0.78
4	<i>Elymus virginicus</i>	Virginia Wildrye	0.500	0.324	0.32
5	<i>Sporobolus compositus</i>	Rough Dropseed	8.000	0.726	0.73
SUBTOTAL GRASSES			20.000	3.734	3.734

Forbs/Legumes	Scientific Name	Common Name	Seeds/Ft ²	PLS Lbs/Acre	PLS Lbs Total
1	<i>Rudbeckia hirta</i>	Black-eyed Susan	3.880	0.115	0.11
2	<i>Ratibida pinnata</i>	Gray-headed Coneflower	1.000	0.091	0.091
3	<i>Desmanthus illinoensis</i>	Illinois Bundle Flower	0.100	0.065	0.065
4	<i>Dalea purpurea</i>	Purple Prairie Clover	2.500	0.378	0.38
5	<i>Desmodium illinoense</i>	Illinois Ticktrefoil	0.100	0.063	0.063
6	<i>Lespedeza capitata</i>	Round-headed Bush Clover	0.050	0.017	0.017
7	<i>Dalea candida</i>	White Prairie Clover	2.500	0.358	0.36
8	<i>Symphyotrichum oolentangiense</i>	Blue Sky Aster	0.300	0.010	0.010
9	<i>Eryngium yuccifolium</i>	Rattlesnake Master	0.050	0.018	0.018
10	<i>Silphium laciniatum</i>	Compass Plant	0.020	0.083	0.083
11	<i>Asclepias tuberosa</i>	Butterfly Weed	0.030	0.019	0.019
12	<i>Tradescantia ohiensis</i>	Ohio Spiderwort	0.010	0.003	0.0034
13	<i>Rudbeckia subtomentosa</i>	Sweet Coneflower	0.300	0.019	0.019
14	<i>Echinacea pallida</i>	Pale Purple Coneflower	0.300	0.157	0.16
15	<i>Vernonia fasciculata</i>	Ironweed	0.300	0.034	0.034
16	<i>Monarda fistulosa</i>	Wild Bergamot	0.300	0.012	0.012
17	<i>Solidago nemoralis</i>	Old Field Goldenrod	0.500	0.005	0.0045
18	<i>Asclepias incarnata</i>	Swamp Milkweed	0.100	0.057	0.057
19	<i>Symphyotrichum pilosum</i>	Hairy Aster	0.200	0.004	0.0039
20	<i>Oligoneuron rigidum</i>	Stiff Goldenrod	0.300	0.020	0.020
21	<i>Heliopsis helianthoides</i>	Oxeye, False Sunflower	0.300	0.130	0.13
22	<i>Zizia aurea</i>	Golden Alexander's	0.300	0.074	0.074
23	<i>Penstemon digitalis</i>	Foxglove Beardtongue	1.500	0.031	0.031
24	<i>Pycnanthemum virginianum</i>	Virginia Mountain Mint	1.000	0.012	0.012
25	<i>Physostegia virginiana</i>	Obedient Plant	0.100	0.012	0.012
26	<i>Penstemon grandiflorus</i>	Large-flowered Beardtongue	0.300	0.058	0.058
27	<i>Liatis pycnostachya</i>	Prairie Blazing Star	0.050	0.012	0.012
28	<i>Artemisia ludoviciana</i>	White Sage	1.000	0.011	0.011
29	<i>Astragalus canadensis</i>	Canadian Milkvetch	1.000	0.160	0.16
30	<i>Potentilla arguta</i>	Prairie Cinquefoil	1.310	0.016	0.016
31	<i>Asclepias syriaca</i>	Common Milkweed	0.100	0.064	0.064
32	<i>Chamaecrista fasciculata</i>	Partridge Pea	0.100	0.101	0.10
SUBTOTAL FORBS			19.900	2.209	2.209

Woody	Scientific Name	Common Name	Seeds/Ft ²	PLS Lbs/Acre	PLS Lbs Total
1	<i>Amorpha canescens</i>	Lead Plant	0.100	0.017	0.017
SUBTOTAL VINES/WOODY			0.10	0.017	0.017
TOTAL			40.000	5.960	5.960

Estimated Cost/Acre

Estimated Total Cost

	Soil Test Information	Total Needed lbs
Lime (ECCE) (Actual Lime)		
Nitrogen		
Phosphate (P205)		
Potash (K20)		

Seeding Dates: _____

Additional Seeding Criteria: _____

Seeding was completed by according to the above requirements.
(Date)

(Producer's Signature)

(Date)

Field Office _____

Certified by _____
(NRCS Representative)

When seeding is completed, return seeding plan to the Natural Resources Conservation Services.

For CRP cost-share, return receipts to Farm Service Agency.

For all other cost-share projects, attach seed tags and receipts for seed, fertilizer, lime, etc.