USDA United States Department of Agriculture

Natural Resources Conservation Service

Date		Version: 2024.1.2
#N/A		

Planting Type:	New	**Practice**	Select	**Program Year**	2024	
Landowner (s):				**Practice Scenario**	Select	

Farm:	Tract:	Field(s):	Program	Practice Acres	Practice Width	Floodplain	Muck	Shade	Erosive?	County
			Select	1.00		Not Floodplain	Muck	Full Sun	Not Erosive	01/00/1900

Soil Type(s):		**Soil Moisture**	Wet Mesic (SPD-PD)
Assisted By:	IN Muck CRP, WRE, EQIP Pollinator & Monarch Pollinator Mix - Shooting Star Native Seeds		

ALL SEEDS ARE IN Pure Live Seed (PLS)

Graminoid Species

						Per Acre Totals		Total Project Quantities	
	Common Name	Scientific Name	Height (ft)	Seasonality	Growth Form	Ounces PLS Per Acre	Pounds PLS Per Acre	Total Project PLS ounces	Total Project PLS Pounds
1	Bluestem, Big	*Andropogon gerardii*	7	Warm Season Grass	Bunch	4.80	0.30	4.80	0.30
2	Wildrye, Virginia	*Elymus virginicus*	4	Cool Season Grass	Bunch	13.24	0.83	13.24	0.83
3	Switchgrass	*Panicum virgatum*	4	Warm Season Grass	Rhizomatous	2.24	0.14	2.24	0.14
4	Fowl Mannagrass	*Glyceria striata*	3	Cool Season Grass	Rhizomatous	0.48	0.03	0.48	0.03
5	Rush, Dudley's	*Juncus dudleyi*	2	Cool Season Rush		0.04	0.00	0.04	0.00
6	Bulrush, Green	*Scirpus atrovirens*	5	Cool Season Sedge	Bunch	0.64	0.04	0.64	0.04
7	Woolgrass	*Scirpus cyperinus*	5	Cool Season Sedge	Bunch	0.16	0.01	0.16	0.01
8									
9									
10									

Forbs and Legumes **X= yes O = no**

	Common Name	Scientific Name	Monarch Value	Early	Mid	Late	Color	Ounces PLS per acre	Pounds PLS per acre	Total PLS ounces	Total PLS Pounds
1	Milkweed, Swamp	*Asclepias incarnata*	Very High	O	X	X	Pnk	5.60	0.35	5.6	0.35
2	Boneset	*Eupatorium perfoliatum*	High	O	X	X	Wht	0.32	0.02	0.32	0.02
3	Joe-Pye Weed, Spotted	*Eutrochium maculatum*	Very High	O	X	X	Pnk	0.32	0.02	0.32	0.02
4	Sneezeweed	*Helenium autumnale*	O	O	X	X	Yel	0.64	0.04	0.64	0.04
5	Blazing Star, Marsh	*Liatris spicata*	Very High	O	X	X	Pur	0.18	0.01	0.18	0.01
6	Monkey Flower	*mimulus ringens*	O	X	X	X	Pur	0.06	0.00	0.06	0.00
7	Beardtongue, Foxglove	*Penstemon digitalis*	O	X	X	O	Wht	0.88	0.06	0.88	0.06
8											
9	Black-eyed Susan, Sweet	*Rudbeckia subtomentosa*	High	O	X	X	Yel	1.92	0.12	1.92	0.12
10	Wild Senna	*Senna hebecarpa*	O	X	X	X	Yel	0.40	0.03	0.4	0.03
11	Aster, New England	*Symphyotrichum novae-angliae*	Very High	O	X	X	Pur	0.16	0.01	0.16	0.01
12	Vervain, Blue	*Verbena hastata*	High	O	X	X	Blu	1.60	0.10	1.6	0.10
13	Golden Alexander's	*Zizia aurea*	O	X	X	O	Yel	0.16	0.01	0.16	0.01
14	White Doll's Daisy	*Boltonia asteroides*	High	O	O	X	Wht	0.24	0.02	0.24	0.02
15	Sunflower, Saw-tooth	*Helianthus grosseserratus*	Very High	O	X	X	Yel	0.16	0.01	0.16	0.01
16	Ironweed, Common	*Vernonia fasciculata*	High	O	X	X	Pur	0.16	0.01	0.16	0.01
17	Goldenrod, Riddell's	*Oligoneuron riddellii*	High	O	O	X	Yel	0.48	0.03	0.48	0.03
18	Mountain Mint, Common	*Pycnanthemum virginianum*	High	X	X	X	Wht	0.32	0.02	0.32	0.02
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SITE PREPARATION AND PLANTING

See the attached specification documents marked below, or the guidance listed on this specification sheet.

Attached Guidance (optional):

☐ **Site Preparation Specification Sheeet** ☐ **Management Activities Specification Sheet** ☐ **Wildlife, Forestry or Habitat Management Plan**

BEFORE PLANTING in Year:				
Herbicide$_1$ (per label):			Dates =	
Herbicide$_2$ (per label):			Dates =	
Tillage:			Dates =	
Other:				
PLANTING METHOD in Year:				
Herbaceous Cover Planting Method:				
Planting Dates = See Seeding Dates Attached				

SEED MATERIALS AND SOURCING

Note: Availability of seeds will vary by source and year. Substitutions may be necessary. Use the attached suitable forb list for potential substitution options. **Verify all substitution species and quantites with NRCS or partner biologist prior to purchase and planting.** Improper subsitution of species and quantities could result in practice certification being delayed or denied.

Consideration: Seeds should be sourced from local ecotypes whenever possible. Local ecotypes are seeds harvested within the geographic area. Local ecotypes are adapted to local climatic and seasonal conditions and are likely to be more successful in establishment

POST-PLANTING MAINTENANCE & MANAGEMENT

☐ **Mowing: <u>During Establishment</u> = mow 8-12" high when the weeds are 8-12" taller than the planted grasses and forbs.**	Mowing may be completed up to three times during the initial growing season (July- October) if needed (not required). ***<u>Mowing for generic weed control or for cosmetic purposes is prohibited at all times.</u>***
☐ **Herbicide (per label):**	
☐ **Cover/Nurse Crop Termination:**	Nurse Crop of Oats @ 30 PLS pounds/Acres, or Virginia Wild Rye (Elymus virginicus) @ 4 PLS pounds/acre
Notes	

Seeding Dates

Seeding within the appropriate dates, with the correspoding rates, will enable NRCS to certify the seeding timely. If the seeding is completed outside of the dates below, NRCS will verify that the planting was a success (based on germination) prior to practice certification.

Table 2. SEEDING WINDOWS FOR NATIVE HABITAT IN INDIANA

Plant Species	*March*		*April*		*May*		*June*		*July*	*Aug*	*Sept*	*Oct*	*Nov*	*Dec.-Feb.*	
Native Habitat Plantings	IN	IN	IN	IN	IN	IN	IN	IN[2]						IN[1]	IN[1]

[1] *Dormant/Frost seeding from December thru February. This is the preferential seeding timeframe when site conditions permit. Do not seed during the dormant season on flooded sites.*

Legend

IN — Suitable seeding dates for all of Indiana

IN[2] — [2] Floodplains and ponded soils

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ADDITIONAL INFORMATION

Specific Species Considerations:

Planting and Site Considerations:

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