United States Department of Agriculture

Natural Resources Conservation Service

Version 2020.1.0

L1	Name(s)	IN Wet-Mesic (SPD-PD) Monarch
L2	Farm	
L3	Tract	
L4	Fields	
L5	Planned Acreage	
S1	County	
S2	Soil Moisture	Wet Mesic (SPD-PD)
S3	Shade	Full Sun
S4	Floodplain	Not Floodplain
S5	Muck?	None
S6	Erosive?	Not Erosive
S7	Planting Type	Wildlife Habitat Planting (420)
C1	Species Focus	Monarchs
C2	Seeding Rate Method	Ounces Per Acre (PLS)
C3	Arrange by	Common Name
C4	Seeding Tyoe	New

Quick Check

Total oz/acre	39.3	%	Total Species Graminoid	6
Total Graminoid oz/acre	25.0	63.6%	Total Species Forbs	23
Total Forbs oz/acre	14.3	36.4%	Species Richness	29
Estimated Seeds per sq ft	30.8		Preferred Forb % for: Monarchs	62%
Seeds per sq. ft. graminoid	14.5	47.2%	Milkweed % of mix	1.5%
Seeds per sq. ft. forbs	16.2	52.8%	Perennial Legume	2
			Early Bloom	10
			Mid-Bloom	22
			Late Bloom	21

Filter Species

Clear Site Requirements

Clear Species Lists

NOTE: When Site Criteria (Lines S1-S7) are changed, user must select "Filter Species" again.

Graminoids

	Common Name	Scientific Name	Ounces Per Acre (PLS)	Seeds Per Square Foot (PLS)	Percent of Grass Mix	Monarchs	Graminoid Type	Growth Form	Annual/ Perennial	Height (ft)		
G1	*Bluestem, Big*	Andropogon gerardii	2	0.46	3%	0	Warm Season Grass	Bunch	Perennial	7		
G2	*Fowl Bluegrass*	Poa palustris	1	2.98	21%	0	Cool Season Grass	Bunch	Perennial	2		
G3	*Sedge, Fox*	Carex vulpinoidea	1.5	3.44	24%	0	Cool Season Sedge	Bunch	Perennial	3		
G4	*Wildrye, Virginia*	Elymus virginicus	18	1.74	12%	0	Cool Season Grass	Bunch	Perennial	4		
G5	*Switchgrass*	Panicum virgatum	2	0.64	4%	0	Warm Season Grass	Rhizomatous	Perennial	4		
G6	*Bulrush, Green*	Scirpus atrovirens	0.5	5.28	36%	0	Cool Season Sedge	Bunch	Perennial	5		
G7												
G8												
G9												
G10												

Forbs

	Common Name	Scientific Name	Ounces Per Acre (PLS)	Seeds Per Square Foot (PLS)	Percent of Forb Mix	Monarchs	Flowering Range: Early	Flowering Range: Mid	Flowering Range: Late	Bloom Color	Annual/ Perennial	Legume
F1	Aster, New England	Symphyotrichum novae-angliae	0.2	0.3	2%	Very High		X	X	Pur	Perennial	N
F2	Beardtongue, Foxglove	Penstemon digitalis	0.35	1.0	6%	O	X	X		Wht	Perennial	N
F3	Bergamot, Wild	Monarda fistulosa	0.5	0.8	5%	High		X	X	Pur	Perennial	N
F4	Black-eyed Susan	Rudbeckia hirta	0.75	1.6	10%	High	X	X	X	Yel	Biennial	N
F5	Black-eyed Susan, Sweet	Rudbeckia subtomentosa	0.4	0.4	2%	High		X	X	Yel	Perennial	N
F6	Brown-eyed Susan	Rudbeckia triloba	0.5	0.4	2%	High		X	X	Yel	Biennial	N
F7	Cardinal Flower	Lobelia cardinalis	0.1	0.9	6%	High		X	X	Red	Perennial	N
F8	Coneflower, Purple	Echinacea purpurea	2	0.3	2%	Very High		X	X	Pur	Perennial	N
F9	Culver's Root	Veronicastrum virginicum	0.05	0.9	6%	High	X	X	X	Wht	Perennial	N
F10	Gentian, Cream	Gentiana alba	0.15	0.5	3%	O			X	Crm	Perennial	N
F11	Golden Alexander's	Zizia aurea	0.3	0.1	0%	O	X	X		Yel	Perennial	N
F12	Goldenrod, Stiff	Oligoneuron rigidum	0.2	0.2	1%	Very High		X	X	Yel	Perennial	N
F13	Joe-Pye Weed, Spotted	Eutrochium maculatum	0.2	0.4	3%	Very High		X	X	Pnk	Perennial	N
F14	Milkweed, Swamp	Asclepias incarnata	0.75	0.1	1%	Very High		X	X	Pnk	Perennial	N
F15	Monkey Flower	Mimulus ringens	0.04	2.1	13%	O	X	X	X	Pur	Perennial	N
F16	Mountain Mint, Common	Pycnanthemum virginianum	0.1	0.5	3%	High	X	X	X	Wht	Perennial	N
F17	Seedbox	Ludwigia alternifolia	0.05	1.5	9%	O	X	X	X	Yel	Perennial	N
F18	Sneezeweed	Helenium autumnale	0.3	0.9	6%	O		X	X	Yel	Perennial	N
F19	Sunflower, Maximilian's	Helianthus maximiliani	0.75	0.2	1%	High		X	X	Yel	Perennial	N
F20	Vervain, Blue	Verbena hastata	1.25	2.7	16%	High		X	X	Blu	Perennial	N
F21	Wild Indigo, White	Baptisia alba	0.2	0.0	0%	O	X	X	X	Wht	Perennial	Y
F22	Wild Senna	Senna hebecarpa	1	0.0	0%	O	X	X	X	Yel	Perennial	Y
F23	Milkweed, Common	Asclepias syriaca	4.15	0.4	2%	Very High	X	X	X	Pnk	Perennial	N
F24												
F25												
F26												
F27												
F28												
F29												
F30												