Customize Options to Suit Site Conditions

○ Dry (Xeric) ○ Dry/Mesic ○ Mesic (Medium) ○ Wet/Mesic ○ Wet (Hydric)

○ Prairie ○ Savanna ○ Wetland ○ Woodland

USDA NRCS
United States Department of Agriculture
Natural Resources Conservation Service

CHOOSE A RATE SPECIFICATION:

○ lbs/acre PLS ◉ Seeds/ft2 PLS

Current Version 08/24

CHOOSE YOUR GRASSES

Common Name	Scientific Name Growth Form	Lbs / acre PLS Equivalent rate below	Seeds / ft2 PLS	Coefficient of Conservatism	# Seeds / ft^2 @ 1 lb. / ac	% of Mix	Functional Group
Big Bluestem	**Andropogon gerardii**		**1.000**	6	3.6731	2.50%	Perennial Warm Season Grass
	Bunch	**0.272**					
Virginia Wildrye	**Elymus virginicus**		**1.500**	4	1.5427	3.75%	Perennial Cool Season Grass
	Bunch	**0.972**					
Fox Sedge	**Carex vulpinoidea**		**6.000**	3	36.7309	15.00%	Perennial Cool Season Sedge
	Bunch	**0.163**					
Porcupine Sedge	**Carex hystericina**		**0.100**	4	11.0193	0.25%	Perennial Cool Season Sedge
	Rhizomatous	**0.0091**					
Prairie Oval Sedge	**Carex brevior**		**0.050**	4	10.6520	0.13%	Perennial Cool Season Sedge
	Bunch	**0.0047**					
Fowl Mannagrass	**Glyceria striata**		**0.900**	6	58.7695	2.25%	Perennial Cool Season Grass
	Rhizomatous	**0.015**					
Dark Green Bulrush	**Scirpus atrovirens**		**3.950**	3	168.9624	9.88%	Perennial Cool Season Sedge
	Bunch	**0.023**					
Woolgrass	**Scirpus cyperinus**		**1.000**	6	624.4261	2.50%	Perennial Cool Season Sedge
	Bunch	**0.0016**					
Fowl Bluegrass	**Poa palustris**		**4.500**	7	47.7502	11.25%	Perennial Cool Season Grass
	Bunch	**0.094**					
Marsh Muhly	**Muhlenbergia racemosa**		**1.000**	4	29.3848	2.50%	Perennial Warm Season Grass
	Rhizomatous	**0.034**					

	Species Richness	lbs / acre PLS	seeds / ft^2 PLS	Average CC
GRAMINOID TOTAL	10	1.590	20.000	4.7

CHOOSE YOUR FORBS/LEGUMES

Common Name	Scientific Name Flowering Period	Lbs / acre PLS Equivalent rate below	Seeds / ft2 PLS Equivalent rate below	Coefficient of Conservatism	# Seeds / ft^2 @ 1 lb. / ac	% of Mix	Functional Group
Virginia Mountain Mint	**Pycnanthemum virginianum**		**0.250**	4	80.808	0.63%	Perennial Forb
	Summer, Fall	**0.0031**					
Swamp Milkweed	**Asclepias incarnata**		**0.050**	4	1.763	0.13%	Perennial Forb
	Summer	**0.028**					
Winged Loosestrife	**Lythrum alatum**		**4.000**	6	1101.9284	10.00%	Perennial Forb
	Summer, Fall	**0.0036**					
Saw-tooth Sunflower	**Helianthus grosseserratus**		**0.010**	3	5.5096	0.03%	Perennial Forb
	Summer, Fall	**0.0018**					
Ohio Spiderwort	**Tradescantia ohiensis**		**0.010**	4	2.9385	0.03%	Perennial Forb
	Spring, Summer	**0.0034**					
Great Blue Lobelia	**Lobelia siphilitica**		**1.000**	4	183.6547	2.50%	Perennial Forb
	Summer, Fall	**0.0054**					
Boneset	**Eupatorium perfoliatum**		**0.050**	6	58.7695	0.13%	Perennial Forb
	Summer, Fall	**0.00085**					
New England Aster	**Symphyotrichum novae-angliae**		**0.100**	4	24.2424	0.25%	Perennial Forb
	Summer, Fall	**0.0041**					
Grass-leaved Goldenrod	**Euthamia graminifolia**		**0.250**	6	128.5583	0.63%	Perennial Forb
	Summer, Fall	**0.0019**					
Common Evening Primrose	**Oenothera biennis**		**1.450**	2	33.0579	3.63%	Biennial Forb
	Summer, Fall	**0.044**					
Seedbox	**Ludwigia alternifolia**		**4.000**	4	477.5023	10.00%	Perennial Forb
	Summer	**0.0084**					
Spotted Joe Pye Weed	**Eutrochium maculatum**		**0.100**	6	34.8944	0.25%	Perennial Forb
	Summer	**0.0029**					
Square-stemmed Monkeyflower	**Mimulus ringens**		**4.000**	4	844.8118	10.00%	Perennial Forb
	Summer, Fall	**0.0047**					
Canada Anemone	**Anemone canadensis**		**0.010**	4	2.9385	0.03%	Perennial Forb
	Spring, Summer	**0.0034**					
Prairie Rosinweed	**Silphium terebinthinaceum**		**0.010**	0	0.4	0.03%	Perennial Forb
	Summer, Fall	**0.027**					
Nodding Bur Marigold	**Bidens cernua**		**0.100**	2	7.7135	0.25%	Annual Forb
	Summer, Fall	**0.013**					
Golden Alexander's	**Zizia aurea**		**0.100**	7	4.0404	0.25%	Perennial Forb
	Spring, Summer	**0.025**					
Obedient Plant	**Physostegia virginiana**		**0.100**	6	8.0808	0.25%	Perennial Forb
	Summer, Fall	**0.012**					
Cup Plant	**Silphium perfoliatum**		**0.010**	2	0.5	0.03%	Perennial Forb
	Summer, Fall	**0.019**					
Brown-eyed Susan	**Rudbeckia triloba**		**2.400**	4	12.4885	6.00%	Biennial Forb
	Summer, Fall	**0.192**					
Sweet Coneflower	**Rudbeckia subtomentosa**		**0.150**	6	15.7943	0.38%	Perennial Forb
	Summer, Fall	**0.0095**					
Showy Ticktrefoil	**Desmodium canadense**		**0.010**	6	2.0202	0.03%	Perennial Forb, Legume
	Summer	**0.0050**					
Blue Vervain	**Verbena hastata**		**0.590**	4	34.1598	1.48%	Perennial Forb
	Summer, Fall	**0.017**					
Culver's Root	**Veronicastrum virginicum**		**1.000**	6	293.8476	2.50%	Perennial Forb
	Summer	**0.0034**					
Riddell's Goldenrod	**Oligoneuron riddellii**		**0.050**	9	34.1598	0.13%	Perennial Forb
	Summer, Fall	**0.0015**					
Cardinal Flower	**Lobelia cardinalis**		**0.200**	6	146.9238	0.50%	Perennial Forb
	Summer, Fall	**0.0014**					

	Species Richness	lbs / acre PLS	seeds / ft^2 PLS	Average CC
FORBS/LEGUMES TOTAL	26	0.443	20.000	4.6

CHOOSE YOUR VINE OR WOODY PLANT SPECIES

Common Name	Scientific Name Flowering Period	Lbs / acre PLS	Seeds / ft2 PLS	Coefficient of Conservatism	# Seeds / ft^2 @ 1 oz. / ac	% of Mix	Functional Group
		Equivalent rate below					

	Species Richness	Lbs / acre PLS	seeds / ft^2 PLS	Average CC
VINE & WOODY PLANT TOTAL	0	0.000	0.000	0.0

	lbs / acre PLS	seeds / ft^2 PLS	Average CC	Species Richness	Floristic Quality Index
GRAND TOTAL	2.033	40.000	4.6	36	27.7