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**		**3.000**	3	36.7309	7.50%	Perennial Cool Season Sedge
	Bunch	**0.082**					
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 Bluegrass	**Poa palustris**		**1.450**	7	47.7502	3.63%	Perennial Cool Season Grass
	Bunch	**0.030**					
Fowl Mannagrass	**Glyceria striata**		**0.400**	6	58.7695	1.00%	Perennial Cool Season Grass
	Rhizomatous	**0.0068**					
Dark Green Bulrush	**Scirpus atrovirens**		**1.000**	3	168.9624	2.50%	Perennial Cool Season Sedge
	Bunch	**0.0059**					
Woolgrass	**Scirpus cyperinus**		**1.000**	6	624.4261	2.50%	Perennial Cool Season Sedge
	Bunch	**0.0016**					
Marsh Muhly	**Muhlenbergia racemosa**		**0.500**	4	29.3848	1.25%	Perennial Warm Season Grass
	Rhizomatous	**0.017**					

	Species Richness	lbs / acre PLS	seeds / ft^2 PLS	Average CC
GRAMINOID TOTAL	10	1.402	10.000	4.7

CHOOSE YOUR FORBS/LEGUMES

Common Name	Scientific Name Flowering Period	Lbs / acre PLS	Seeds / ft2 PLS	Coefficient of Conservatism	# Seeds / ft^2 @ 1 lb. / ac	% of Mix	Functional Group
		Equivalent rate below					
Ohio Spiderwort	Tradescantia ohiensis		0.010	4	2.938	0.03%	Perennial Forb
	Spring, Summer	0.0034					
Swamp Milkweed	Asclepias incarnata		0.100	4	1.763	0.25%	Perennial Forb
	Summer	0.057					
Winged Loosestrife	Lythrum alatum		4.000	6	1101.9284	10.00%	Perennial Forb
	Summer, Fall	0.0036					
Saw-tooth Sunflower	Helianthus grosseserratus		0.050	3	5.5096	0.13%	Perennial Forb
	Summer, Fall	0.0091					
Obedient Plant	Physostegia virginiana		0.100	6	8.0808	0.25%	Perennial Forb
	Summer, Fall	0.012					
Great Blue Lobelia	Lobelia siphilitica		4.000	4	183.6547	10.00%	Perennial Forb
	Summer, Fall	0.022					
Boneset	Eupatorium perfoliatum		0.800	6	58.7695	2.00%	Perennial Forb
	Summer, Fall	0.014					
New England Aster	Symphyotrichum novae-angliae		0.100	4	24.2424	0.25%	Perennial Forb
	Summer, Fall	0.0041					
Grass-leaved Goldenrod	Euthamia graminifolia		0.100	6	128.5583	0.25%	Perennial Forb
	Summer, Fall	0.00078					
Common Evening Primrose	Oenothera biennis		1.950	2	33.0579	4.88%	Biennial Forb
	Summer, Fall	0.059					
Seedbox	Ludwigia alternifolia		4.000	4	477.5023	10.00%	Perennial Forb
	Summer	0.0084					
Spotted Joe Pye Weed	Eutrochium maculatum		0.150	6	34.8944	0.38%	Perennial Forb
	Summer	0.0043					
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		0.0050	0	0.4	0.01%	Perennial Forb
	Summer, Fall	0.014					
Nodding Bur Marigold	Bidens cernua		0.050	2	7.7135	0.13%	Annual Forb
	Summer, Fall	0.0065					
Golden Alexander's	Zizia aurea		0.050	7	4.0404	0.13%	Perennial Forb
	Spring, Summer	0.012					
Cup Plant	Silphium perfoliatum		0.010	2	0.5	0.03%	Perennial Forb
	Summer, Fall	0.019					
Brown-eyed Susan	Rudbeckia triloba		2.000	4	12.4885	5.00%	Biennial Forb
	Summer, Fall	0.160					
Sweet Coneflower	Rudbeckia subtomentosa		0.150	6	15.7943	0.38%	Perennial Forb
	Summer, Fall	0.0095					
Showy Ticktrefoil	Desmodium canadense		0.100	6	2.0202	0.25%	Perennial Forb, Legume
	Summer	0.050					
Blue Vervain	Verbena hastata		3.265	4	34.1598	8.16%	Perennial Forb
	Summer, Fall	0.096					
Virginia Mountain Mint	Pycnanthemum virginianum		0.500	4	80.8081	1.25%	Perennial Forb
	Summer, Fall	0.0062					
Riddell's Goldenrod	Oligoneuron riddellii		0.300	9	34.1598	0.75%	Perennial Forb
	Summer, Fall	0.0088					
Culver's Root	Veronicastrum virginicum		4.000	6	293.8476	10.00%	Perennial Forb
	Summer	0.014					
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	0.602	30.000	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	2.004	40.000	4.6	36	27.7