

**Customize Options to Suit Site Conditions**

← Pick an Ecoregion

Mesic (dry)  
  Mesic (medium)  
  Hydric (wet)

Prairie  
  Savanna  
  Wetland  
  Woodland

Long Term Program  
  Short Term Program

Monarch Preferred Species  
 Forage and Biomass (S12) Planting

**CHOOSE A RATE SPECIFICATION:**

lbs/acre PLS (check a mix)  
  Seeds/ft2 PLS (design a mix)

To override default cost, enter your cost in the applicable cell.



**United States Department of Agriculture**

**Natural Resources Conservation Service**

Criteria Revision Update 5/26/2020  
Species Information Update 5/26/2020

**CHOOSE YOUR GRASSES**

↔ Input quantity ↔

Common Name	Scientific Name	Lbs / acre PLS	Seeds / ft2 PLS	Coefficient of Conservatism	Estimated Cost (\$/lb)	# Seeds / ft <sup>2</sup> @ 1 lb. / ac	Pure Stand PLS Rate lbs / ac	% of Mix	Estimated Cost (\$/ac)	Functional Group
		Equivalent rate below								
1 <b>Bluejoint</b>	<i>Calamagrostis canadensis</i>	0.011		3	\$375	86.1	0.4	4.7%	\$4	Perennial Cool Season Grass
	Rhizomatous		0.95							
2 <b>Sedge, Fox</b>	<i>Carex vulpinoidea</i>	0.10		3	\$100	29.8	1.2	14.6%	\$10	Perennial Cool Season Sedge
	Bunch		2.98							
3 <b>Wildrye, Virginia</b>	<i>Elymus virginicus</i>	0.63		4	\$15	1.7	20.3	5.3%	\$9	Perennial Cool Season Grass
	Bunch		1.08							
4									\$0.00	
5									\$0.00	
6									\$0.00	
7									\$0.00	
8									\$0.00	
9									\$0.00	
10									\$0.00	
11									\$0.00	
12									\$0.00	
13									\$0.00	
14									\$0.00	
15									\$0.00	
16									\$0.00	
17									\$0.00	
18									\$0.00	
19									\$0.00	
20									\$0.00	
21									\$0.00	
22									\$0.00	
23									\$0.00	
24									\$0.00	
25									\$0.00	





	lbs / acre PLS	seeds / ft <sup>2</sup> PLS	Average CC	Species Richness	Floristic Quality Index		ESTIMATED GRAND TOTAL COST (\$/AC)
<b>GRAND TOTAL</b>	1.22	20.3	4.6	25	22.8		\$301

Illinois NRCS 327 Conservation Cover: Pollinator and Monarch Full Seeding Requirements			
Requirement	Criteria	Mix	Criteria Met
<b>All mixes</b>			
Spring Blooming Forbs & Shrubs, Minimum	3	3	Meets Criteria
Summer Blooming Forbs & Shrubs, Minimum	3	5	Meets Criteria
Fall Blooming Forbs & Shrubs, Minimum	3	4	Meets Criteria
Tall Grass Species in the Mix (Big Bluestem, Indiangrass, or Switchgrass)	Absent	Absent	Meets Criteria
<b>Requirements for sites on &lt; 5% slope</b>			
Grass Seeds/ft <sup>2</sup> , Maximum	5	5.0	Meets Criteria
Forb & Sub-shrub Seeds/ft <sup>2</sup> , Minimum	15	15.3	Meets Criteria
Total Seeds/ft <sup>2</sup> , Minimum	20	20.3	Meets Criteria
<b>Requirements for sites on &gt;=5% slope</b>			
Grass Seeds/ft <sup>2</sup> , Minimum	10	5.0	Does Not Meet Criteria
Forb & Sub-shrub Seeds/ft <sup>2</sup> , Minimum	30	15.3	Does Not Meet Criteria
Total Seeds/ft <sup>2</sup> , Minimum	40	20.3	Does Not Meet Criteria
<b>Additional Requirement for Monarch Plantings</b>			
Milkweed % PLS seeds/ft <sup>2</sup> , Minimum	1.5%	0.2%	Does Not Meet Criteria
Monarch preferred Forbs % PLS seeds/ft <sup>2</sup> , Minimum	60.0%	57.5%	Does Not Meet Criteria

Illinois NRCS 327 Conservation Cover: Pollinator and Monarch Interseeding ½ Rate			
Requirement	Criteria	Mix	Criteria Met
<b>All mixes</b>			
Spring Blooming Forbs & Shrubs, Minimum	3	3.0	Meets Criteria
Summer Blooming Forbs & Shrubs, Minimum	3	7.0	Meets Criteria
Fall Blooming Forbs & Shrubs, Minimum	3	6.0	Meets Criteria
Tall Grass Species in the Mix (Big Bluestem, Indiangrass, or Switchgrass)	Absent	Absent	Meets Criteria
<b>Grass and Forb Interseeding on &lt; 5% slope</b>			
Grass Seeds/ft <sup>2</sup> , Maximum	2.5	5.0	Does Not Meet Criteria
Forb & Sub-shrub Seeds/ft <sup>2</sup> , Minimum	7.5	15.3	Meets Criteria
Total Seeds/ft <sup>2</sup> , Minimum	10.0	20.3	Meets Criteria
<b>Grass and Forb Interseeding on &gt;= 5% slope</b>			
Grass Seeds/ft <sup>2</sup> , Minimum	5	5.0	Does Not Meet Criteria
Forb & Sub-shrub Seeds/ft <sup>2</sup> , Minimum	15.0	15.3	Meets Criteria
Total Seeds/ft <sup>2</sup> , Minimum	20.0	20.3	Meets Criteria
<b>Additional Requirement for Monarch Plantings</b>			
Milkweed % PLS seeds/ft <sup>2</sup> , Minimum	1.5%	0.2%	Does Not Meet Criteria
Monarch preferred Forbs % PLS seeds/ft <sup>2</sup> , Min	60.0%	57.5%	Does Not Meet Criteria
<b>Forb Only Interseeding on &lt; 5% slope</b>			
Forb & Sub-shrub Seeds/ft <sup>2</sup> , Minimum	7.5	15.3	Meets Criteria
<b>Forb Only Interseeding on &gt;= 5% slope</b>			
Forb & Sub-shrub Seeds/ft <sup>2</sup> , Minimum	15.0	15.3	Meets Criteria