

# BWSR Pilot Seed Mixes

## PILOT SEED MIXES:

These new “Pilot” seed mixes have been developed for a variety of restoration, conservation and stormwater uses. Goals were to meet the needs of common project types and to create direction for emerging topics such as biofuels, buffers, conservation grazing, and pollinators. All of the mixes were developed for specific functions and incorporate pollinator habitat to the extent possible. The mixes will remain as pilot mixes for a couple years until we understand how they are performing before we work to make them official state mixes. In many cases these mixes should be considered starting points for developing site specific mixes.

Note: Oats cover crop is included as a component of these seed mixes with the exception of some wetland mixes where cover species are not necessary. Winter wheat (at a similar rate to oats) may be selected in some cases where germination is needed later in the fall, followed by further green-up the following spring (oats will not come back the follow spring unless it re-establishes from seed).

Finalized

## Pollinator Plot Northwest

Function: Pollinator  
 Intent: Diverse pollinator habitat establishment for conservation plantings a few acres in size in northwest  
 Planting Area: NW  
 Specialization: NRCS CP 42

Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
<b>Cover</b>					
Avena sativa	Oats* (See Cover crop note)	11.13	37.88		
Total Guild:		11.13	37.88	25.12%	89.5%

<b>Forb</b>					
Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Agastache foeniculum	Blue Giant Hyssop	0.35	0.01		
Allium stellatum	Prairie Wild Onion	0.041	0.02		
Amorpha canescens	Lead Plant	0.37	0.06		
Asclepias syriaca	Common Milkweed	0.16	0.11		
Asclepias tuberosa	Butterfly Milkweed	0.1	0.06		
Echinacea angustifolia	Narrow-leaved Purple Conefl	0.16	0.06		
Helianthus maximilianii	Maximilian's Sunflower	0.3	0.06		
Helianthus pauciflorus	Stiff Sunflower	0.09	0.06		
Heliopsis helianthoides	Ox-eye	0.14	0.06		
Liatris aspera	Rough Blazing Star	0.37	0.06		
Monarda fistulosa	Wild Bergamot	1.61	0.06		
Oligoneuron rigidum	Stiff Goldenrod	0.94	0.06		

Phlox pilosa	Prairie Phlox	0.08	0.01
Pycnanthemum virginianum	Virginia Mountain Mint	0.82	0.01
Rudbeckia hirta	Black-eyed Susan	4	0.12
Sisyrinchium campestre	Field Blue-eyed Grass	0.17	0.01
Solidago nemoralis	Gray Goldenrod	2.18	0.02
Symphotrichum ericoides	Heath Aster	1.6	0.02
Symphotrichum laeve	Smooth Aster	1.26	0.06
Verbena hastata	Blue Vervain	6	0.18
Viola pedatifida	Bearded Birdfoot Violet	0.14	0.01
Zizia aurea	Golden Alexanders	0.25	0.08

Total Guild:	21.131	1.20	47.70%	2.8%
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### Graminoid

Andropogon gerardii	Big Bluestem	2.3	0.63
Bouteloua curtipendula	Side-oats Grama	1.8	0.82
Elymus canadensis	Canada Wild Rye	0.8	0.42
Hesperostipa spartea	Porcupine Grass	0.02	0.08
Schizachyrium scoparium	Little Bluestem	3	0.54
Sporobolus heterolepis	Prairie Dropseed	3.6	0.61

Total Guild:	11.52	3.10	26.00%	7.3%
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### Legume

Astragalus canadensis	Canada Milk Vetch	0.39	0.06
Desmodium canadense	Canada Tick Trefoil	0.13	0.06

Total Guild:	0.52	0.12	1.17%	0.3%
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Total Seed Mix:	44.301	42.30
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