

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

Forest Groundcover East

Function: Woodland

Intent: Soil stabilizing in forests following invasive species removal and other disturbance

Planting Area: NE & E

Specialization:

Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover					
Avena sativa	Oats* (See Cover crop note)	11.14	37.91		
Total Guild:		11.14	37.91	66.43%	96.4%

Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Forb					
Eurybia macrophylla	Large-leaved Aster	0.2	0.02		
Geranium maculatum	Wild Geranium	0.1	0.05		
Hydrophyllum virginianum	Virginia Waterleaf	0.1	0.10		
Osmorhiza claytonii	Clayton's Sweet Cicely	0.1	0.11		
Rudbeckia laciniata	Tall Coneflower	0.22	0.04		
Smilacina racemosa	False Solomons Seal	0.01	0.07		
Solidago flexicaulis	Zigzag Goldenrod	1.3	0.04		
Total Guild:		2.03	0.43	12.10%	1.1%

Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Graminoid					
Elymus hystrix	Bottlebrush Grass	0.5	0.18		
Elymus villosus	Downy Wild Rye	1	0.50		
Festuca subverticillata	Nodding Fescue	1.8	0.25		

Total Guild:	3.3	0.93	19.68%	2.3%
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Sedge

Total Guild:	0.3	0.08	1.79%	0.2%
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Total Seed Mix:	16.77	39.35		
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