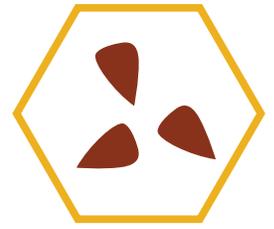




## SELECTING PLANTS AND SEED MIXES



### Diversity

- It is recommended to include at least 3 flowering species in each bloom period (spring, summer, fall) so there is a continuous food source throughout the seasons.
- For large areas, separate pollinator plots/zones may be planted as high diversity areas. These plots/zones should include at least 15 species and have a high % of forbs (greater than 50% by seed count).
- Clump-forming grasses are important for community structure, nesting sites and to provide fuel for prescribed burning but are generally kept between 3 and 5 pounds per acre in pollinator mixes.
- Shorter grasses such as little bluestem, side oats grama, and prairie dropseed can benefit forb growth and pollinator use, but species should be selected that can persist in the soil and hydrology conditions of the site.

### Layout

- It is helpful to plant forbs in masses to make them easier for pollinators to find and to increase foraging efficiency.
- Including a wide range of flower colors and shape will benefit a variety of pollinator species.
- Flowering trees and shrubs can also be important sources of pollen and nectar for pollinators, particularly early in the spring.

### Insects

- When possible, plant species that can support specific insects. (i.e. lupine for Karner blue butterflies, milkweed for monarchs).
- Plants and plant communities native to a specific area will provide the most benefit to local pollinators.

### Seed Mixes/Plants

- The NRCS 643 Practice Standard is used to provide specifications for most BWSR restoration projects in combination with the BWSR's Native Vegetation Establishment and Enhancement Guidelines that provide guidance about diversity and seed/plant sources for projects.
- Private seed vendors often have pollinator mixes that can be used for projects. ([Seed & Plant sources](#))
- [State seed mixes](#) can also be used for pollinator habitat and will be going through additional revision to maximize benefits over time.



*Wild Iris*



*Marsh Aster*



*Black-eyed Susan*

See BWSR [Native Vegetation Establishment and Enhancement Guidelines](#) for additional information about seeding plants and seed mixes. [BWSR's Native Vegetation webpage](#) features [plants](#) beneficial to pollinators.



# SELECTING PLANTS AND SEED MIXES



SPRING

Alumroot	Cherries*	Large Flowered Bellwort^	Rue Anemone*
Basswood*	Columbine^	Long-headed Thimbleweed	Solomon's Seal
Black Chokeberry	Common Strawberry	Wild Lupine*	Spiderwort
Broad-leaf Arrowhead	Dogwoods	Maples^ ( <i>Acer sp.</i> )	Viburnums
Blanketflower	Dutchman's Breeches*^	Pasque-flower	Violets^
Bloodroot^	Elderberry	Penstemons*	Virginia bluebells^
Blueberries	Golden Alexanders*	Prairie Plum*	Virginia Waterleaf*^
Buttercups	Hoary Puccoon	Prairie Milk Vetch	White Baneberry^
Canada Anemone	Juneberries*	Prairie Phlox	Willows ( <i>Salix sp.</i> )

SUMMER

Angelica	Dogbane*	Leadplant	Raspberries/Blackberries*
Bedstaws ( <i>Galium sp.</i> )	Dogwoods	Lobelias ( <i>Lobelia sp.</i> )	Smooth Sumac
Blazing Stars* ( <i>Liatris sp.</i> )	Evening Primrose	Meadowsweet	Spotted Bee Balm
Blue Vervain	False Indigo	Milkweeds* ( <i>Asclepias sp.</i> )	Snowberry/Wolfberry
Bottle Gentian	False Sunflower*	Mountain Mint*	Turtlehead
Bush Clovers	Field Blue-eyed Grass	Native Loosestrifes	Waterlilies
Buttonbush	Giant Hyssop*	New Jersey Tea	Wild Bergamot*
Canada Anemone	Harebell*	Ninebark*	Wild Indigo
Canada Milkvetch	Hedge Nettle	Obedient Plant*	Wild Iris
Canada Tick Trefoil	Hoary Vervain*	Partridge Pea	Wild Quinine*
Coneflowers*	Ironweed	Prairie Cinquefoil	Wild Mint
Coreopsis*	Jewelweed	Prairie Clovers* ( <i>Dalea sp.</i> )	Wild Roses* ( <i>Rosa sp.</i> )
Culver's Root*	Joe-Pye Weed*	Prairie Turnip	Yarrow
Cup Plant*	Large-leaved Aster^	Prairie Wild Onion	

FALL

American Vetch	Chickweeds	Grass-leaved Goldenrod*	Virginia Mountain Mint*
Begger's ticks ( <i>Biden sp.</i> )*	Gentians*	Maximilian's Sunflower*	Whie Snakeroot^
Boneset*	Prairie Asters*	Sneezeweed*	Zig Zag Goldenrod*^
Bugleweeds ( <i>Lycopus sp.</i> )	Prairie Goldenrods*	Sunflowers*	

\*High Value for Pollinator Species

^Shade Tolerant Species



Wild Bergamot



Flat-topped Aster



Stiff Goldenrod



Prairie Blazing Star