

PA- Supplemental Guidance

PLT-01 **Establish pollinator habitat** – This seeding mix is not recommended for steep slopes. Refer to the list below for seeding recommendations.

Seeding dates: March 1 through May 31

Pollinator Seeding Mix:

Dry Site Mix-- to be used for: *upland areas, dry sites, or other well-drained sites.*
(Well drained and Moderately well drained soils)

	% of	bloom color	bloom period	Color composition (by bloom period)
Alsike clover* (<i>Trifolium hybridum</i>)	3.0		early	
Crimson clover* (<i>Trifolium incarnatum</i>)	3.0			
Blue flax* (<i>Linum perenne</i>)	5.0			
Wild blue lupine (<i>Lupinus perennis</i>)	5.0			
Virginia spiderwort (<i>Tradescantia virginiana</i>)	5.0			
Yellow sweet clover* (<i>Melilotus officinalis</i>)	3.0	mid	mid	
Blue false indigo (<i>Baptisia australis</i>)	8.0			
Partridge pea (<i>Chamaecrista fasciculata</i>)	6.0			
Spotted beebalm (<i>Monarda punctata</i>)	7.0			
Butterfly weed (<i>Asclepias tuberosa</i>)	8.0			
Tall white beardtongue (<i>Penstemon digitalis</i>)	8.0			
Milkweed, common (<i>Asclepias syriaca</i>)	6.0			
Purple giant hyssop (<i>Agastache scrophulariifolia</i>)	5.0			
Mistflower / Wild ageratum (<i>Conoclinium</i>)	7.0			
Virginia mountain mint (<i>Pycnanthemum virginianum</i>)	3.0			
St. John's wort, common (<i>Hypericum perforatum</i>)	4.0			
Blazing star / Gayfeather (<i>Liatris spicata</i>)	7.0			
New England aster (<i>Aster novae-angliae</i>)	7.0			

p = petal, c = center

Wet Site Mix-- to be used for: *flooded riparian borders, wet sites, poorly drained sites.*
(Somewhat poorly drained and Poorly drained soils)

	% of	bloom color	bloom period	Color composition (by bloom period)
Alsike clover* (<i>Trifolium hybridum</i>)	4.0		early	
Crimson clover* (<i>Trifolium incarnatum</i>)	5.0			
Virginia spiderwort (<i>Tradescantia virginiana</i>)	5.0			
Bee balm (<i>Monarda didyma</i>)	4.0	mid	mid	
Monkey flower (<i>Mimulus ringens</i>)	6.0			
Yellow sweet clover* (<i>Melilotus officinalis</i>)	4.0			
Swamp milkweed (<i>Asclepias incarnata</i>)	5.0			
New York aster (<i>Aster novi-belgii</i>)	11.0			
Great blue lobelia (<i>Lobelia siphilitica</i>)	5.0	late	late	
Common boneset (<i>Eupatorium perfoliatum</i>)	10.0			
Cardinal flower (<i>Lobelia cardinalis</i>)	4.0			
Blue vervain (<i>Verbena hastata</i>)	11.0			
Wingstem / yellow ironweed (<i>Verbesina alternifolia</i>)	11.0			
Joe-pye weed (<i>Eupatorium fistulosum</i>)	10.0			
Mistflower / Wild ageratum (<i>Conoclinium</i>)	5.0			

p = petal, c = center

Due to seasonal changes in seed availability, not all seed will be available year round. As a result, apply the following guidance to all pollinator seed mixes:

1. Include at **least three plants from each bloom period** (early, mid, or late) in the mix.
2. **Include as many different plants as possible** from each group in the mix. Increasing the diversity of plants will increase the variety and number of pollinators that use the planted area.
3. The % of each plant in the mix will vary based on the total number of plants used. However, the % of seed identified in the table is the **minimum** allowable percentage. For non-native species (marked with an *), only the percentage of the seed listed above should be used – no more, no less. For example, clover will only be 2% of the final mix, purple giant hyssop will only be 8% of the mix, etc.
4. Seed will be planted at a minimum rate of 2 lbs/ac, maximum rate of 4 lbs/ac.

Cropland – Actual/acre

Not compatible with ANM04, ANM05, ANM06, ANM07, ANM08, ANM12, ANM13, ANM14, ANM19, ANM21, ANM22, ANM23, PLT06, PLT08

Pastureland – Actual/acre

Not compatible with ANM04, ANM05, ANM06, ANM07, ANM08, ANM12, ANM13, ANM14, ANM19, ANM21, ANM22, ANM23, PLT06

Forestland – Actual/acre

Not compatible with ANM12, ANM14, ANM15, ANM19, ANM20, ANM22, PLT03

The **applicable acres** will be based only on 0.5ac per 40 acres of total land use acres enrolled. Applied acres will be based on the acreage on which the farmer agrees to establish pollinator habitat. You must identify the actual acreage and location where this enhancement will be adopted.

Pollinator plantings must be established in blocks a minimum of 0.5 acres in size. If more than 0.5 acres of pollinator plantings are established, the total acreage does not need to be contiguous.

Example: 200 acres of cropland enrolled in CSP

$200/40ac = 5 \text{ units} \times .5\text{acre for each unit} = 2.5 \text{ acres}$ - the applicable amount for the 200 acres enrolled in CSP. Applicant must install blocks of a minimum of .5 acre. In this case, up to 2.5 acres in an area where the pollinator habitat is beneficial. If they choose to plant 2.5 acres then applicable = applied acres in CMT. If they only want to plant 1 acre then applicable = 2.5 and applied is 1.