

Bees, Bugs, Blooms

Pollinator Plant Trial at Penn State Southeast Agricultural Research and Extension Center

1446 Auction Road, Manheim, PA 17545

Goals of trial: To compare native plant species and cultivars for their attractiveness to pollinators and their suitability for home and/or farm landscapes

Top Plant Picks for Pollinators * indicates plant that attracts predators/parasites of brown Marmorated stink bug.

**Pycnanthemum muticum* – Clustered Mountain Mint

Eupatoriadelphus dubius - Coastal Plain Joe Pye

Eupatoriadelphus maculatus 'Bartered Bride' –Bartered Bride Joe Pye

Conoclinium coelestinum - Mistflower

**Solidago nemoralis* - Gray Goldenrod

Asclepias incarnata – Swamp Milkweed

**Eupatorium hyssopifolium* – Thoroughwort

**Eupatorium perfoliatum* - Boneset

Eryngium yuccifolium – Rattlesnake Master

Coreopsis rosea – Pink Tickseed

Monarda punctata – Spotted Horsemint

Penstemon calycosus - Calico Penstemon

Liatris spicata – Blazing Star




Liatris microcephala – Dwarf Blazing Star

Veronicastrum virginicum – Culver’s Root

Helianthus ‘Lemon Queen’ - Lemon Queen Sunflower

Coreopsis verticillata – Tickseed

Cultivar Comparison

| Comparing <i>Monarda didyma</i> (Bee Balm) and Cultivars | | | |
|--|--|--|---|
| Attracted fewest pollinators | |  | Attracted the most pollinators |
| <i>Monarda didyma</i> ‘Jacob Cline’ | <i>Monarda didyma</i> straight species | | Monarda x’Peters Fancy Fuschia’ |
| | | | |
| Comparing <i>Monarda fistulosa</i> (Wild Bergamot) and cultivar | | | |
| Attracted fewest pollinators | |  | Attracted the most pollinators |
| <i>Monarda fistulosa</i> ‘Claire Grace’ | | | * <i>Monarda fistulosa</i> straight species |
| | | | |
| Comparing <i>Symphotrichum novae-angliae</i> (New England Aster) and cultivar | | | |
| Attracted fewest pollinators | |  | Attracted the most pollinators |
| <i>Symphotrichum novae-angliae</i> ‘Purple Dome’ | | | <i>Symphotrichum novae-angliae</i> |

Plant plugs for the trial purchased from:

New Moon Nursery, 975 Barretts Run Rd. Bridgeton, NJ 08302

North Creek Nurseries, 388 North Creek Road, Landenberg, PA 19350

Websites - more about pollinator friendly plants

Ecoregion planting guides, Pollinator Partnership <http://www.pollinator.org/guides.htm>

NRCS plants for pollinators in the Northeast

http://www.nrcs.usda.gov/Internet/FSE_PLANTMATERIALS/publications/nypmctn11164.pdf