



Golden Triangle BID

Golden Streets

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A vibrant field of orange Black-eyed Susans and purple Verbena flowers, interspersed with tall, feathery grasses. The scene is captured in a close-up, slightly low-angle shot, emphasizing the textures and colors of the flora.

Pollinators are vital to our food security, economy, and overall environmental health.

- 1 out of every 3 bites of food you eat is there because of pollinators
- Almost 90% of wild flowering plants and 75% of food crops depend on pollination for successful seed and fruit production
- Pollinators are a part of a healthy ecosystem

How to Create Pollinator Habitat

- Plant native plants
- Incorporate a wide variety of flowers that bloom throughout the growing season
- Create nesting sites
- Include water with landing places (islands)
- Don't use pesticides.

How to Create a Distinctive Tree Box

- Use plants with a variety of heights to create a varied and dynamic design
- Incorporate small decorative or sculptural elements
- Plant an assortment of flower colors and shapes



Examples of decorative or sculptural elements



Queen Bees need a home!
Rescue Queens please
Shelter for overwintering bees
Look around for other signs
of a late, missing, or
lost colony. Bees are
in your garden.

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

Best Plants for Pollinator Visitor Diversity (2013)

1. Clustered Mountain Mint - *Pycnanthemum muticum*
2. Stiff Goldenrod - *Solidago rigida*
3. Blazing Star - *Liatris spicata*
4. Common Milkweed - *Asclepias syriaca*
5. Lance-leaved Coreopsis - *Coreopsis lanceolata*
6. Thoroughwort - *Eupatorium hyssopifolium*
7. Coastal Plain Joe Pye Weed - *Eupatorium dubium*
8. Sundrops - *Oenothera fruticosa* 'Fireworks'

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

Best Plants for Sheer Number of Insect Visitors (2013)

1. Clustered Mountain Mint - *Pycnanthemum muticum*, 51 insects
2. Rattlesnake Master - *Eryngium yuccifolium*, 51 insects
3. Wild Bergamot - *Monarda fistulosa*, 31 insects
4. Whorled Tickseed - *Coreopsis verticillata* 'Zagreb', 26 insects
5. Blazing Star - *Liatris spicata*, 23 insects
6. Smooth Aster - *Aster laevis* 'Bluebird', 23 insects

* Mean number of insects observed per plot in 2 minutes

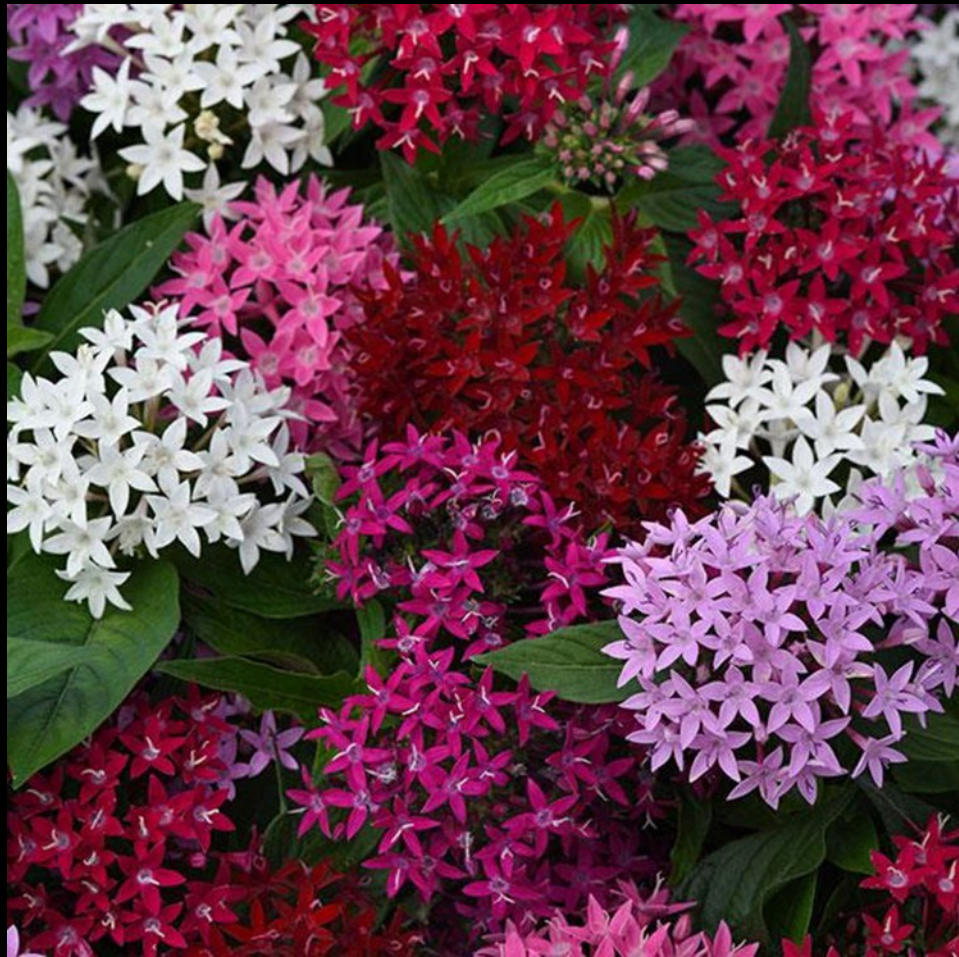
Great Annuals for Urban Pollinator Gardens



Lantana

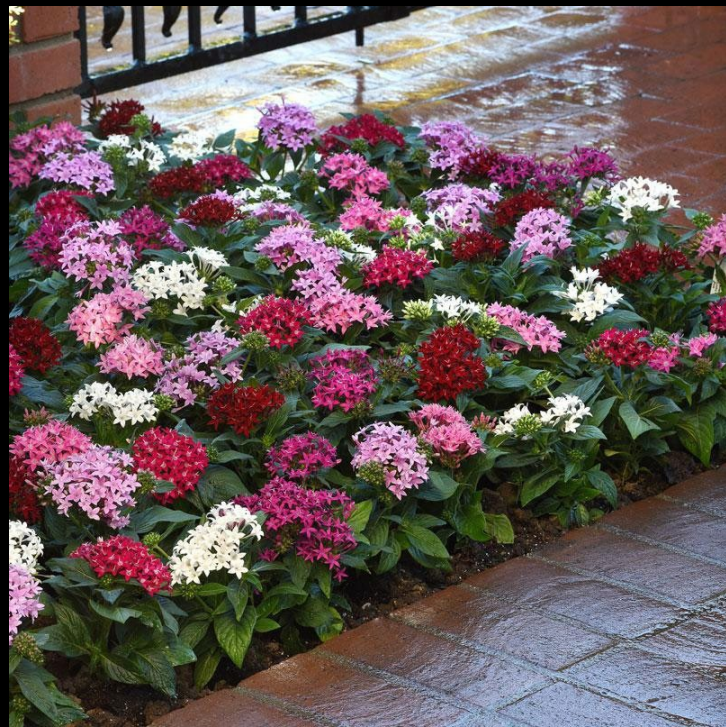
Full Sun and Drought Tolerant





Pentas

Heat Tolerant but Keep Well Watered



Salvia/Sage

Many Great Varieties and Sizes





Vervain/Verbena

Though plants





Ageratum

Compact Flower



Cleome/ Spider Flower

Consider dwarf variety - Pequeña Rosalita 18-36"





Gomphrena

Mixes Well with Other Plants





Cuphea

Vermillionaire or Bat Face





Canna

For Hummingbirds



Torenia

Shade Loving



Amsonia hubrichtii
Bluestar



Echinacea purpurea
'Ruby Giant'
Purple Coneflower



Liatris pycnostachya
Prairie Blazing Star



Muhlenbergia capillaris
Pink Muhly Grass

Solidago rugosa 'Fireworks'
Goldenrod



Monarda fistulosa
Wild Bergamot

Bee Habitat

- Flowers with secrets
- Create nesting site





Hibiscus coccineus
'Blaze Starr'
Scarlet Rose Mallow



Lonicera sempervirens
'Blanche Sandman'
Trumpet Honeysuckle



Rudbeckia triloba
Brown-Eyed Susan



Cephalanthus occidentalis
Buttonbush

Night Shift- Night blooming /all white garden (fragrant)



POLLINATOR PARTNERSHIP

www.pollinator.org



"The Bee Smart Pollinator Gardener app has been the easiest and most useful tool that I have used this year in helping to plan an array of public pollinator gardens around my region."

Sarah Red-Laird

Bee Girl

Executive Director

Plant a garden that butterflies, hummingbirds, and bees will love as much as you!

The Bee Smart® Pollinator Gardener is your comprehensive guide to selecting plants for pollinators specific to your area. Never get caught wondering what plants to buy again!

It is available on both Android and iOS (iPhone, iPad, iPod) platforms.



With the Bee Smart® Pollinator Gardener's easy user interface, browse through a database of nearly 1,000 native plants. Filter your plants by what pollinators you want to attract, light and soil requirements, bloom color, and plant type. This is an excellent plant reference to attract bees, butterflies, hummingbirds, beetles, bats, and other pollinators to the garden, farm, school and every landscape.

Features include:

- Nearly 1,000 pollinator friendly plants native to the United States.
- Customizable plant lists based on your preferences including pollinator type, flower color, soil type, sunlight and plant type.
- Regionally specific plant lists based on the geographical and ecological attributes of your location (your ecoregion) just by entering your zip code!
- A wide variety of perennials, annuals, trees, shrubs, and vines to browse.
- An easy to use search option for querying on common or botanical plant names.
- Colorful plant images.
- Once you've created your customized plant list by starring your favorites, simply bring it to a nursery or garden center – never forget what to buy or plant again!