

Inviting Insects into the Garden!

1. Increase Plant Diversity
2. Increase Habitat Diversity
3. Increase Habitat Stability

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Biological Controls & Diverse Habitats

- Encourages Generalist Predators
 - There are more different types of pest prey present (Predators don't have to Migrate)
- Encourages Omnivore Predators
 - Minute Pirate Bugs
 - Damsel Bugs
 - Flower Flies

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Designing Pest Resistant Landscapes

Simple vs. Complex Landscapes

- **Simple** = Hot & Sunny
 - (Low Plant Diversity/Less Pest Resistant)
- **Complex** = Cool & Shady
 - (High Plant Diversity/More Pest Resistant)

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Some Flowering Herbs & Wildflowers that Produce Lots of Nectar & Pollen

- | | |
|-------------|---------------------|
| • Alfalfa | • Mustard |
| • Angelica | • Parsley |
| • Carrot | • Queen Anne's Lace |
| • Clover | • Spearmint |
| • Cosmos | • Sunflowers |
| • Dill | • Sweet Fennel |
| • Goldenrod | • Tansy |
| • Lavender | • Thyme |
| • Marigold | • White Sage |

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Habitat for Natural Enemies (Generalists & Omnivores)

- Shelter and Protection
 - Microclimates
- Water
- Food
 - Nectar/Pollen & Alternate Prey

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Maximize Natural Controls

- Spot/Selective Treatments
- Treatment Timing
- Biopesticides
 - (Reduced Risk Pesticides)

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Useful Websites for an Eco-Friendly Yard

www.JerseyYards.org

Examples of successful Jersey-Friendly yards.

www.nwf.org/How-to-Help/Garden-for-Wildlife.aspx

Gardening for Wildlife

[www.fs.fed.us/wildflowers/Native Plant Materials](http://www.fs.fed.us/wildflowers/Native_Plant_Materials)

Native Gardening

www.npsnj.org

Lists of Native Plants & Nurseries

www.nj.gov/pinelands/infor/yard

Landscaping /Backyard Habitat

[http://water.rutgers.edu/Rain Gardens/RGWebsite](http://water.rutgers.edu/Rain_Gardens/RGWebsite)

Water Resources Program's Rain Garden Information

www.audubonathome.org

The Audubon At Home Website

www.nrcs.usda.gov/feature/backyard

Ways to help the environment & to make your yard more attractive

www.attra.ncat.org/farmscaping.pdf

Farmscaping to Enhance Biological Control