

## Retailed Products

Some pesticides such as those containing **neonicotinoids** are hazardous to bee health and have been banned in a number of jurisdictions.

**Neonicotinoid** derivatives to **avoid** in gardening products and bug sprays include:

**Acetamiprid**  
**Thiacloprid**

**Imidacloprid**  
**Thiamethoxam**

Consult your nursery and other retailers for organic pesticide alternatives, which might include:

- Earthtone
- Eco Smart
- Bonide
- Garden-Ville
- St. Gabriel Organics

### Contacts:

Bee-specific information from the Bermuda Beekeeper's Association:  
<https://www.facebook.com/groups/275946579479/>

*General Information regarding Bees and Organic Gardening from BEST:*  
[office@best.org.bm](mailto:office@best.org.bm)

*Environmental Information from BEST:*  
[info@best.org](mailto:info@best.org)

## Bee Swarms

**If you spot a wild swarm, here's what to do:**

Stop, turn, and walk away. Once you are a safe distance from the hive, contact beekeeper Thomas Sinclair (with the location of the hive) at [tjsinclair@gov.bm](mailto:tjsinclair@gov.bm). The hive will be protected and entered into the database on wild swarms.

Wild swarms are integral to the health of bee populations. They add to overall genetic diversity and serve as a reservoir for captive bee colonies. Never exterminate bees without first consulting a bee removal expert.



For lots more information relevant to bees, please visit [www.bermudabees.weebly.com](http://www.bermudabees.weebly.com)

## Bees in Bermuda

Honey-makers  
Pollinators  
Scientific Wonders

**Bee-friendly Gardening Suggestions**

2<sup>nd</sup> Edition  
June 2015



## Plants

*Here is a short list of common bee-friendly plants for your organic garden.*

Oregano	Bee Balm	Lantana
Cilantro	Lavender	Fennel
Milkweed	Thyme	Mint
Sunflower	Loquat	Basil
Citrus Trees	Iceplant	Marigold
Buttonwood	Clover	Rosemary
Pigeonberry	Magnolia	Yellowwood
Bottle Brush	Squash	Snowberry
Brassicas	Borage	Clover



Approximately 33% of the produce we eat and 80% of our entire diet relies on pollination by bees.

## Pesticides: Home Remedies

*Apply all remedies safely and in accordance with directions and cautions.*

### Recipe Legend

- Gal (Gallon)
- C (Cup)
- T (Tablespoon)
- t (Teaspoon)

### *Mealybug, Aphids, Mites and Whiteflies*

#### *Insecticidal Soap Spray:*

- 1t to 1T castile or ivory soap
- 1t vegetable oil (optional)
- 1Gal of water
- Mix the soap, oil and water. Spray on overcast days or in the evening to avoid leaf damage.

#### *Homemade Garlic-Pepper Spray:*

- 6 cloves garlic, crushed
- 1 onion minced
- 1T dried hot pepper,
- 1t castile or ivory soap,
- 1Gal hot water
- Blend the garlic, onion, pepper and soap in hot water.
- Leave for 1-2 days. Strain before using. Rinse eyes with tepid water if affected.

### *Powdery Mildew*

- Apply weekly doses of one part milk to two parts water.

### *Vinegar Sprays*

- 1Gal 20% vinegar
- 1T orange oil
- Mix ingredients together
- ½Gal of 5% vinegar
- ½C salt
- 2T dish soap
- Mix ingredients together

### *Slugs*

- Remove all places where slugs can hide including rocks, wood planks, pots, etc. Hand remove and dispose of slugs.

### *Directions for use*

- Target young weeds for best results.
- Spray the weeds thoroughly. It is not good enough to get a little on each weed.
- Make applications on warm, dry days when no rain is forecast.

Thank you to the Department of Environmental Protection and Claire Jessey, Government Entomologist.

For more detailed information regarding Natural Pesticide Management, refer to document links at [www.bermudabees.weebly.bm](http://www.bermudabees.weebly.bm)