### **Bee Safety**

### 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. The hive will be protected and entered into the database on wild swarms.

### Products

The following neo-nicotinoid derivatives found in gardening products and bug sprays are harmful to bees:

Acetamiprid

Imidacloprid

Thiacloprid

Thiamethoxam

### Plants

Here is a short list of common beefriendly plants for your organic garden:

Oregano	Lavender	Fennel
Milkweed	Thyme	Mint
Sunflower	Loquat	Basil
Citrus Trees	Iceplant	Marigold
Buttonwood	Clover	Rosemary
Pigeonberry	Magnolia	Yellowoo
Bottle Brush	Squash	Snowberr
Passionflower	Pentas	Lobelia

### Special Thanks

Apologies to anyone left off this list. We appreciate all of the help given.

Carlos Amaral, Alison Copeland, Ross Conrad, Mr. Randolph Furbert, Mrs. Fergusson, Vanese Flood Gordon, Amy Harvey, Dorte Horsfield, Claire Jessey, Jocelyn Morrison, Dr. Thad Murdoch, Dr. Mark Outerbridge, Drew Pettit, DeJuan Seymour, Tommy Sinclair, Lucinda Spurling & Afflare Films, Anna-Laura Spurling, Mark Wheddon, Kevin Whitecross, Bermuda College student volunteers, Susan Amos Quinn and Morgan, Laurie Abel.

Animal & Garden, Bermuda Bookstore, Bermuda Botanical Society, Bermuda National Trust, Bloomfield Nursery, Bermuda Rose Society, Dancing Bee Gardens (VT, USA), Department of Environmental Protection, Harrington Hill Farm, Island Press, Leisure Time, Pembroke Tile, Soil Association of the UK, Somersfield Academy



For lots more information relevant to bees, please visit www.bermudabees.weebly.com

## Bees in Bermuda

Honey-makers. Pollinators. Scientific Wonders.



Spring of 2014

## Garden Pest Remedies

Alternatives to Pesticides

**Biological Introductions** (Pests have predators too!)

**Plant Rearrangements** (Some plants ward off certain pests!)

**Soft Soap Mixtures** (A little goes a long way)

**Install Netting** (Shield to yield!)

Use a Mini Vacuum (Suck 'em up!)

**Diversify Landscape** (Avoid monocultures)

# See www.bermudabees.weebly.com for more details.





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

### **Bermuda's Native Bee**

Bermuda's native solitary bee is one of our original pollinators. Similar species that carry out this same task include wasps, moths, and butterflies. Although the solitary bee does not appear to target crops, it pollinates plants by cutting and carrying leaves from one place to another. Unlike honeybees, this bee lives in burrows. However, like all bees, the solitary bee requires reliable fresh water sources. We can help by filling birdbaths or building biotic ponds.

### **More Than Honey**

Bees produce a variety of products, ranging from beeswax, used in many homemade recipes, to propolis, an ingredient of some toothpastes.

#### **A Fading Buzz**

From 2008 to 2010, Bermuda's captive bee hives declined by over half from 365

to 180. This number has since diminished even further.

### **Feeling The Sting**

We don't have to be vegetarians to appreciate the work of bees. Chances are, the meat that we consume is the product of an animal that was fed commercial feed. Pollinated by the bees, that feed was likely laden with pesticides, which are a contributing factor to the global decline of our bees. Without the bees, pollination of commercial animal feed-crops would decrease.

### Don't 'mind your own beeswax'

Educate those around you on the importance of bees to the pollination of our foods, flowers, and cotton. Be sure to let them know about the decline in the bee population and how they can help in avoiding bee-damaging products and pesticide-laden crops.

Bee Fair

Spring of 2014