

## Honeybee Trivia

Bees fly **15 miles** per hour

average bee makes **1/12<sup>th</sup>** teaspoon of honey in their lifetime.

ees will work one blossom variety at a time when gathering honey

ees visit about **two million** flowers to make one pound of honey.

Bees fly **55,000** miles to get enough nectar for 1 pound of honey.

Honey has been used for centuries to help reduce some of the symptoms associated with a common cold.

Honey provides and retains moisture and can even extend the shelf life of baked goods.

ees will visit **50-100 flowers** each flight from the hive.

ees dance to communicate the direction and distance of nectar. This is the **Waggle Dance**.

There are over 3,000 beekeepers in Pennsylvania.

ives are inspected by the Pennsylvania Department of Agriculture for disease.

## Fruits



### Blueberries



If blueberry pollination does not occur within two to three days after the flower opens, fruit set is less likely

Broccoli blossoms are 90% dependent on bees to pollinate and make seeds

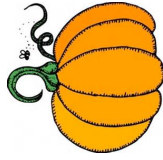
### Broccoli



## Vegetables



### Pumpkins



Female Pumpkin blossoms are open for one day. They require 6-12 bee visits.

### Raspberry



Research has found that 5-6 honey bee visits totalling about 150 seconds is enough to pollinate raspberry.

### Pennsylvania State Beekeepers Assoc.

[www.pastatebeekeepers.org](http://www.pastatebeekeepers.org)

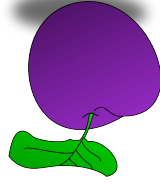


### Watermelon

A female watermelon flower needs 500-1000 pollen grains to be fertilized. This will require 8-20 honeybee visits

varieties.

Almost all varieties of plums benefit by cross-pollination with different plum varieties.



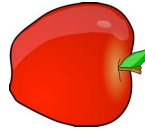
### Plums

Because the nectar content is low, most honeybees collect pollen from Cherry blossoms rather than nectar

### Cherries



Apple blossoms require 8-24 visits per flower by pollinators



### Apple



## Pollinated Crops

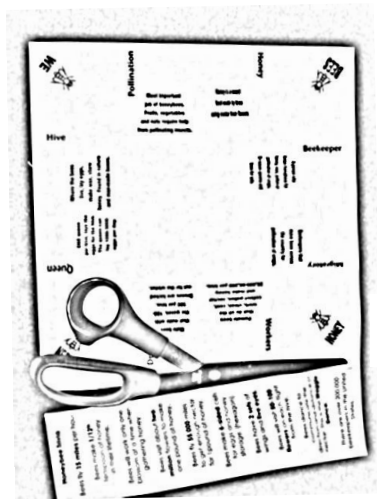
## Blossoms



Thank you for your interest in honeybees.

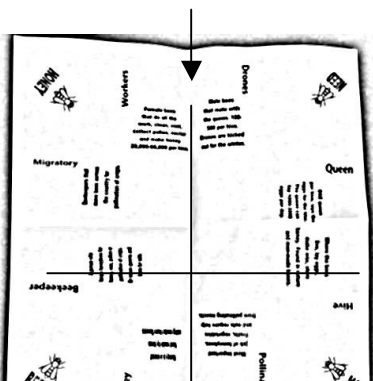
**Pennsylvania State Beekeepers Assoc.**  
[www.pastatebeekeepers.org](http://www.pastatebeekeepers.org)

*created by Charlie & Cathy Vorisek*

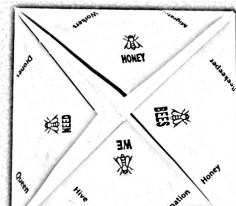


Cut along line

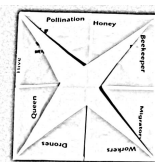
to make creases thru middle,  
both directions



Flip over.  
Fold corners to center



Flip over. Fold corners to  
center..... again



Flip over one more time. Open  
pockets for fingers.

