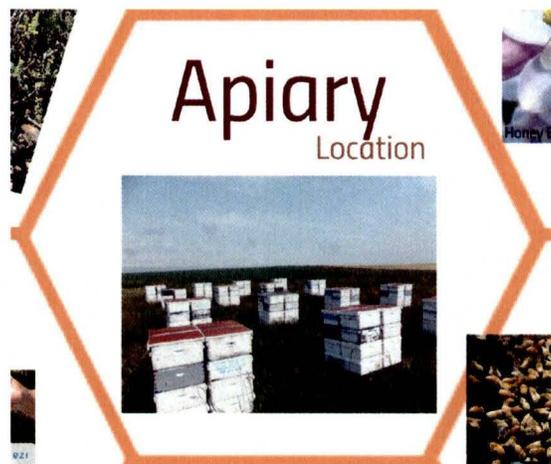


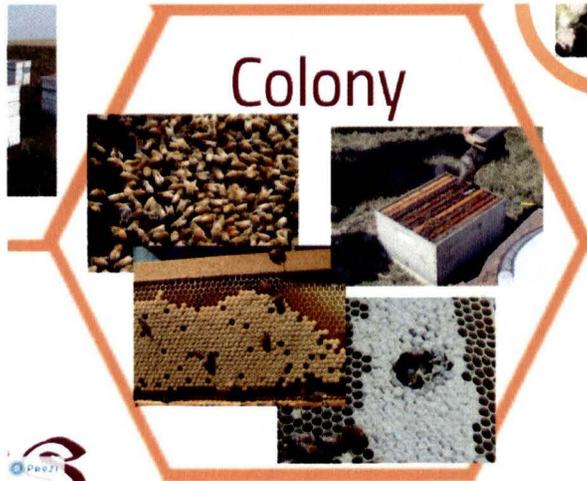
# Apiary Program

North Dakota Department of Agriculture

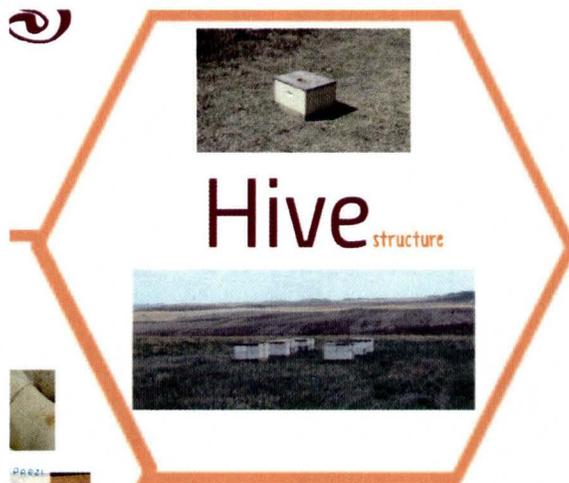
An Apiary is where colonies are located.



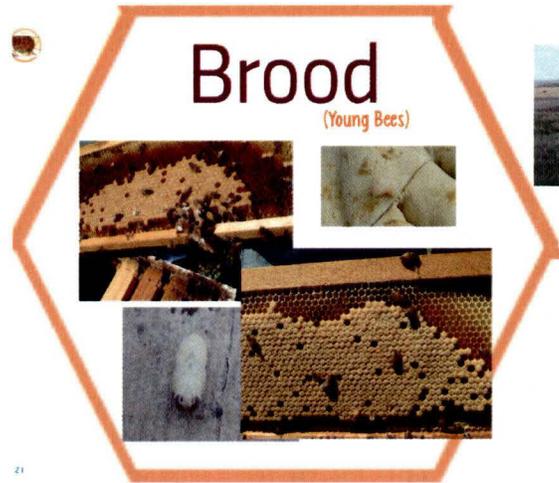
A colony is the bees, both brood and adults.



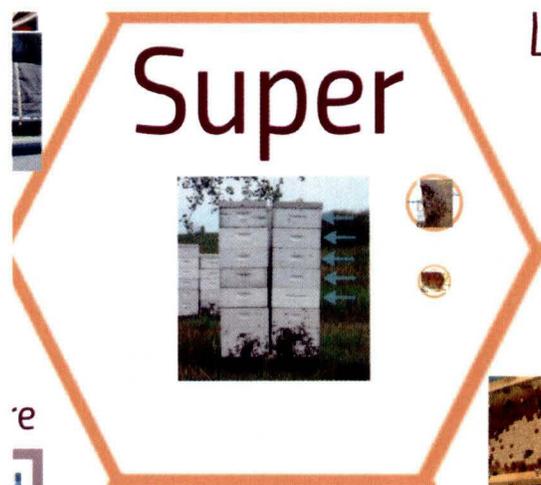
Hives are structures that house bees.



Brood are the immature bees



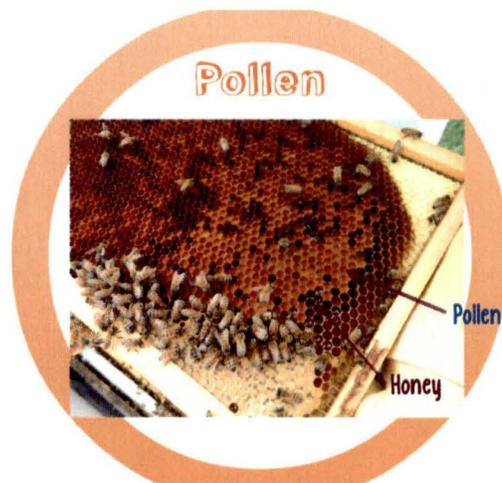
Supers are where the honey is stored. They are the top boxes of the hive.



Once honey is ripe the cell is capped with wax secreted by the bees.



Pollen is combined with honey and packed into cells.



Frames are where the bees build cells, beekeepers use them to easily remove honey and brood.

# Frame



Swarms result when a colony of bees goes searching for a new home.

# Swarm



PREZ





Drones are males and are the result of unfertilized eggs. Their only job is to find a queen to mate with.

**Drones**  
**MALES**

notice absence  
ours

Duties: Mate- they die if successful

Unable to sting



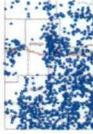
Get kicked out of hive if resources are low or before winter

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### ND Dept. of Agriculture: Apiary Program

**Statistics**

Staff	2013
1 Full time State Bee Inspector	482,560 Colonies
2 Summer Deputy Inspectors	205 Beekeepers
1 Administrative Assistant	11,050 Apiaries



© Paezi

# ND Dept. of Agriculture: Apiary Program

## Inspections

only if requested  
Inspect for diseases  
-for issuance of Certificate of  
Health (Certificate of Inspection)

2013  
32 Beekeepers  
139 hives opened

All Female Bees  
-don't reproduce

Duties:  
Collect  
Take c  
Protoc  
Clean



## #1 Honey Producing State

- 2012
- over 34 million pounds
  - valuing at over \$64.5 million
  - over 23% of the nations honey production

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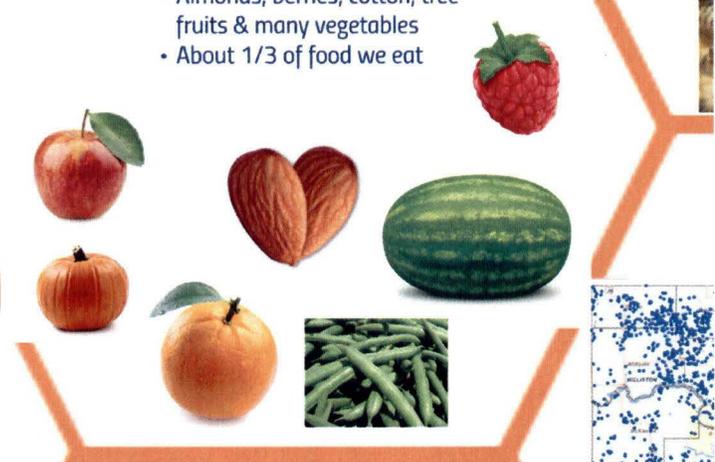


Prezi



## Pollination Services

- over 90 U.S. Crops depend on insect pollinators
  - Almonds, berries, cotton, tree fruits & many vegetables
  - About 1/3 of food we eat



The slide features a central orange hexagonal frame containing several images of crops: a red apple, a pumpkin, two almonds, an orange, a watermelon, and a raspberry. To the right of the frame is a vertical strip of images and a map of the United States with blue dots indicating pollination service locations. The Prezi logo is visible in the bottom left corner.

## North Dakota Crops

Canola

- Reduce blooming period
- Increase as much as 40%



The slide features a central orange hexagonal frame containing several images of crops: a field of yellow canola flowers, a field of sunflowers, and a close-up of a canola flower. To the left of the frame is a vertical strip of images and a map of North Dakota with blue dots indicating pollination service locations. The Prezi logo is visible in the bottom left corner.