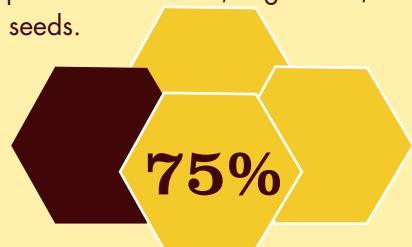


# Pollination

Pollination is necessary before many plants can produce their fruits, vegetables, nuts and seeds.



of our major food crops benefit from pollinators.



**Honey bees are responsible for 80 percent of insect pollination value.**

Apples, blueberries, pumpkins and watermelons are just a few of the more than 100 crops pollinated by honey bees.

Our agricultural system today is more dependent than ever on honey bees for pollination and to increase the quality and yield of crops, as well as the beekeepers that migrate from crop to crop to provide their pollination services to farmers.

**Learn about honey bee pollinators** through the Center for Pollinator Research. Visit their website: <http://ento.psu.edu/pollinators> which offers news, research, events, publications, and opportunities to take courses on pollination.



**Pennsylvania State Beekeepers Association**

**Established in 1904**

Represents

**31**

local beekeeping associations



Partners with the



**pennsylvania**  
DEPARTMENT OF AGRICULTURE



**PennState Extension**

Provides



Research



Public outreach and education



Bee law regulation

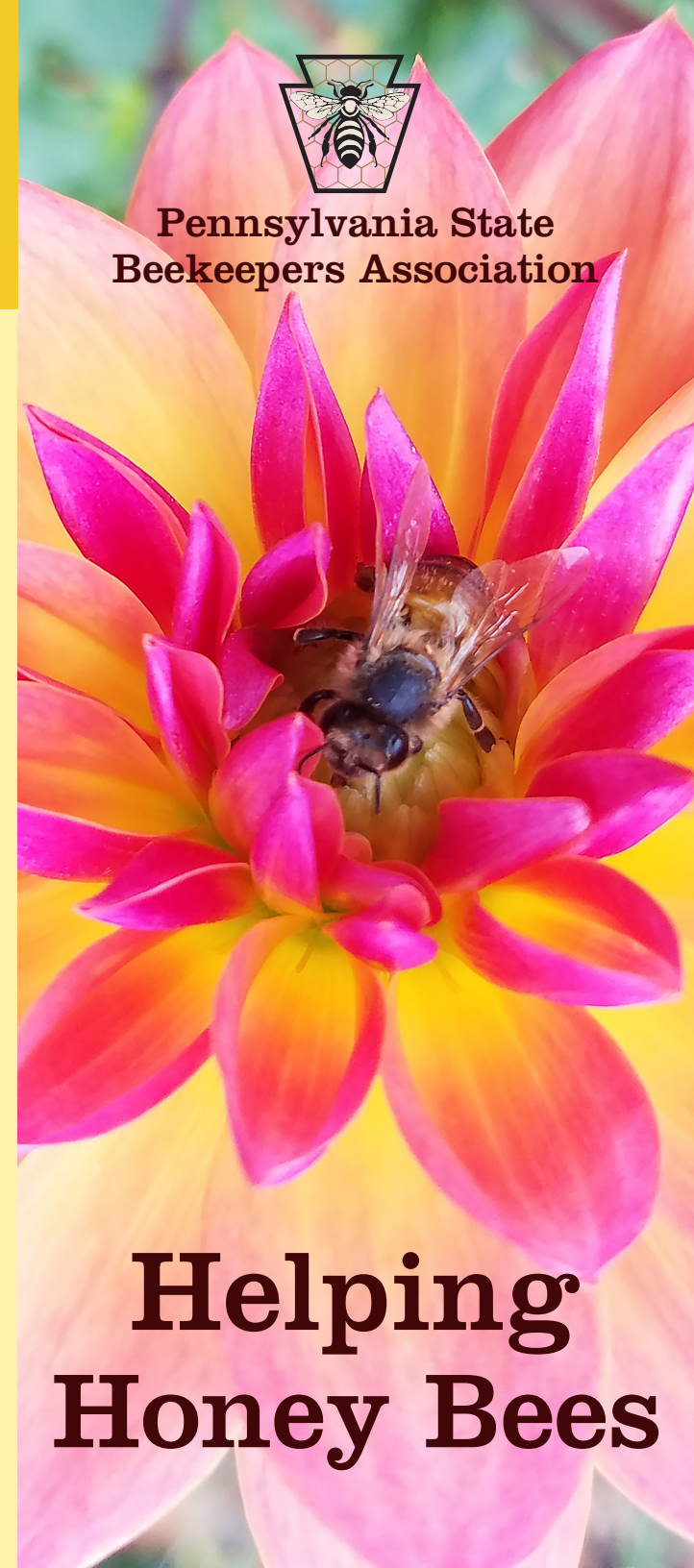


and best management recommendations

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



**Pennsylvania State Beekeepers Association**



**Helping Honey Bees**



# Honey Bees are in trouble.

Researchers are working hard to understand the declining bee population. Some of the reasons why honey bees and other pollinators are disappearing:

POOR NUTRITION - Reduced forage  
(nectar and pollen sources)

PESTICIDES - overuse and misuse

PESTS - parasitic mites and small hive beetles

PATHOGENS - diseases and viruses

## Ways to Help



- ✈ Learn more about where your food comes from and the important role pollinators play.
- ✈ Buy LOCAL honey.  
**[www.localharvest.org/farmers-markets](http://www.localharvest.org/farmers-markets)**
- ✈ Get to know your LOCAL beekeepers.  
Consider becoming a beekeeper! Join a local association and the PA State Beekeepers Association. **[www.pastatebeekeepers.org](http://www.pastatebeekeepers.org)**
- ✈ Learn about the **PA Pollinator Protection Plan**  
The "P4" was developed by 28 states and national stakeholder groups. P4 provides resources and recommendations for best practices to support and expand pollinator population.  
**<http://ento.psu.edu/p4>**
- ✈ Plant a pollinator friendly garden. Learn how by downloading a planting guide.  
**[www.pollinator.org](http://www.pollinator.org)**  
**[www.beefriendlypa.org](http://www.beefriendlypa.org)**  
**P4 Best Practices for Forage and Habitat**
- ✈ Use pesticides only when needed and according to label instructions. Learn about and use alternatives such as Integrated Pest Management (IPM).  
**[extension.psu.edu/pests/ipm](http://extension.psu.edu/pests/ipm)**  
**P4 Best Practices for Forage and Habitat**

## Join Us

In the state of Pennsylvania,  
**5,600 beekeepers**  
manage approximately  
**51,750 honey  
bee colonies** with  
**7,200 bee yards.**

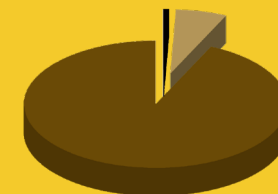


*Davey Hackenberg, PA/FL Beekeeper*

Over 93% of the all PA beekeepers are small and independent with 25 or fewer hives.

Hives Managed

- 1-25 Small scale
- 26-249 Sideliner
- 250+ Commercial



### Register Your Hives

<https://www.paplants.state.pa.us/SecurityLogin.aspx>

### PA Model Beekeeping Ordinance

Learn about the model ordinance for beekeeping. It provides a framework for understanding the regulations in beekeeping.  
[pastatebeekeepers.org/legislate.htm](http://pastatebeekeepers.org/legislate.htm)



### Pennsylvania State Beekeepers Association

[secretary@pastatebeekeepers.org](mailto:secretary@pastatebeekeepers.org)  
[www.pastatebeekeepers.org](http://www.pastatebeekeepers.org)  
[pastatebeekeepers.org/join.htm](http://pastatebeekeepers.org/join.htm)

If you are a beekeeper or are just interested in the health and welfare of honey bees and our food supply, please consider joining our organization!