

## Improving Survival Success Rates with Honeybee Colonies through Supportive Cohorts

**Project Leader:** Tiffany Ayres, CEO Keys to Bees, Master Beekeeper  
**Project Consultant:** Marty Jones, PhD  
**Project Partner:** Kim Patten, Manager Diakon Wilderness Greenhouse  
**Project Partner:** Lindsey Lyons, Director of Sustainability Learning Dickinson College



This material is based upon work supported by the National Institute of Food and Agriculture, U.S. Department of Agriculture, through the Northeast Sustainable Agriculture Research and Education program under subaward number PG24-021.

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## Sustainable Agriculture Research & Education

**SARE made funding possible.**

SARE is a branch of the United States Department of Agriculture with funding through the National Institute of Food and Agriculture (NIFA).

The NIFA fund research and education projects to support sustainable agriculture; funding projects that help farmers, ranchers, and educators develop new ideas and strategies.

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\*Any opinions, findings, conclusions, or recommendations expressed in this publication are those of the author(s) and do not necessarily reflect the view of the U.S. Department of Agriculture.\*




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**Meeting #8:  
Honey  
Extraction:  
Techniques,  
Tools, and  
Practices**

*Exploring the art and  
science of honey  
extraction*



David Papke was honored with the 2024 Beekeeper of the Year award by the Pennsylvania State Beekeeper's Association. In 1979-80 David served in the Peace Corps teaching modern beekeeping management to Maya beekeepers in Belize, Central America. Upon returning home he became a sideline beekeeper while teaching high school Literature and Composition. In 2005 he took early retirement to become a full-time sideliner with 80 colonies managed for honey production and pollination services. Since 2018, along with Jeremy Barnes, David has practiced and promotes Regenerative Beekeeping, an approach which incorporates modifications and methods to more closely resemble how honeybees live in the wild.

David can be contacted at:  
[davidpapbee@gmail.com](mailto:davidpapbee@gmail.com)

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**Agenda  
Overview**



- The Nectar Flow
- Assessing Honey Supers
- Clearing Bees From Supers
- Preparing For Extracting
- Uncapping Comb
- Spinning Frames of Honey
- Straining And Storing Honey
- Finished Wet Supers
- Clean-Up
- Selling Honey

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**The Nectar  
Flow**



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### Assessing Honey Supers



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### Clearing Bees From Supers



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### Preparation for Honey Extraction



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**Straining  
and Storing  
Honey**



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# Feeding Wet Supers Back



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# Clean Up



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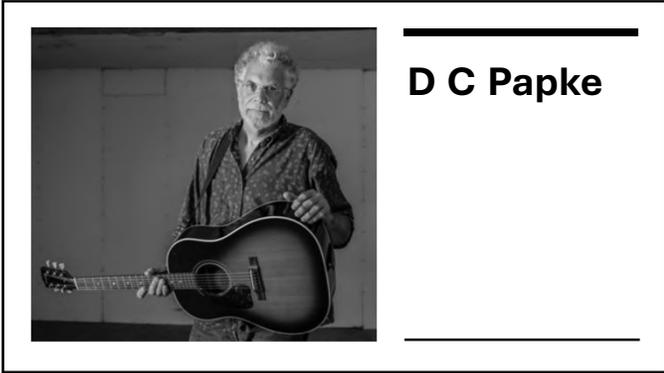
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<p style="text-align: center;"><b>NEXT MEETING 7/23/25</b></p> <p style="text-align: center;"><b>7/23/25 Virtual Meeting</b> Full Q &amp; A session with test review questions</p> <div style="text-align: center;">  </div>	<p style="text-align: center;"><b>SOUTH CENTRAL PA LOCAL CLUBS</b></p> <p><b>YCBA</b> – meets 4<sup>th</sup> Tuesday 7:00pm-9:00pm at Aldersgate Church, 397 Tyler Run Rd., York</p> <p><b>CABA</b> – meets 3<sup>rd</sup> Friday 7:00pm-9:00pm at HACC, 1 HACC Dr., Harrisburg</p> <p><b>LCBS</b> – meets 3<sup>rd</sup> Tuesday 6:30pm-8:30pm at Millersville University, Roddy Hall Room 261</p> <p><b>PCBC</b> – meets 3<sup>rd</sup> Sunday 2:00pm at Penn State Ext. Office, 8 S. Carlisle St., New Bloomfield</p> <p><b>FCBA</b> – meets 3<sup>rd</sup> Thursday 6:00pm-8:30pm at locations vary check on website fcbapa.com</p> <p><b>PSBA</b> – watch for summer picnic</p>
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**THANK YOU**



- KEYS TO BEES
- Tiffany Ayres
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- [Saybees.apary@gmail.com](mailto:Saybees.apary@gmail.com)

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