

## Intermediate beekeeping training

The New Jersey Department of Agriculture office of the State Apiarist is pleased to announce its first intermediate beekeeping training June 23 + 24, 2017. Beekeeping is full of challenges, beekeepers need to keep up to date on the latest strategies to hone their craft and improve their skills. This class is designed with that in mind. This class is not for the beginner but for those who have a few years' experience.

The following are required skills;

1. Understands the annual lifecycle of the honey bee.
2. Several years keeping bees.
3. Understand honey bee terminology.
4. Ability to see eggs.

### Topics to be covered

1. **Do you think like a beekeeper?**
2. **Easy splitting of colonies** for swarm control and increasing numbers
3. **Manage colonies to prevent or minimize swarming**
4. **Varroa Mite management** - The most important skill for successful beekeeping. Evaluate your mite levels using an alcohol washer. Strategies for control, biology of the mite
5. **Basic queen rearing using a cloak board**
6. **Bees wax processing** – make your own lip balm
7. **Is feeding necessary?** When, why, how of feeding bees
8. **What is the nosema and Varroa level of your hives?** Each student will bring in a sample of their own bees for Varroa and nosema analysis. Alcohol wash to estimate mite load.
9. **Good Neighbor BMP's**

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I understand I will be working with live bees, appropriate personal protection equipment is **my responsibility. I am responsible to bring my own food and water, no lunch will be served and it is too difficult to leave and get food and return.** The morning sessions will be lecture and lab, the afternoon will be hands on in the bee yard. **Signature**

\_\_\_\_\_.

Student Name \_\_\_\_\_

Student Address \_\_\_\_\_

Student Cell Number \_\_\_\_\_

Student E-mail \_\_\_\_\_

Students Automobile License Plate \_\_\_\_\_ Needed to Pass State Police Check Point.

Please print clearly! This class is limited to 25 students.

**Class location = 3 Schwarzkopf Dr, Ewing Township, NJ 08628**

**Please fill in the above information and cut at the bold black line and return to**

**New Jersey Department of Agriculture**

**Division of Plant Industry**

**PO box 330**

**Trenton NJ 08625**

ATTN Tim Schuler

**You must enclose a good check or money order for \$300.00 made Payable to NJDA Division of Plant industry**

Instructors: Tim Schuler Jeff Burd and Plant Industry Lab staff

**Tim Schuler** started keeping bees as a young boy with his dad, John P. Schuler, and his brother in Prospect Park, Pennsylvania, a small suburb of Philadelphia. Tim graduated in 1982 from Delaware Valley College, Doylestown, PA with a BS in Animal Husbandry. He began his career helping to manage a large cattle and hog feed lot in central NJ. In 1986 he began working for the New Jersey Department of Agriculture (NJDA) as an Animal Health Technician in the Division of Animal Health. In 1989 and '90 Tim served a short time as a bee inspector for the NJDA, during Jake Matthenius's 42-year tenure as State Apiarist. In 1991 Tim started a side business managing 300 colonies of honey bees providing pollination services to South Jersey farmers and producing honey in Warren County NJ. In 2007 he took his present position of State Apiarist with the NJDA Division of Plant Industry. He has taught beekeeping to beekeepers, non-beekeepers, Rutgers University undergraduates and subsistence farmers in poor countries. He inspects colonies throughout the state for diseases and pests, helping beekeepers keep strong healthy colonies of honey bees and promoting New Jersey's beekeeping industry in any way he can. In 2016 he was awarded the Divelbiss award by the Eastern Apicultural Society for his efforts in beekeeping education.

**Jeff Burd** has been a hobbyist beekeeper for nearly ten years. He is the immediate past president of EAS; the current First Vice President of the New Jersey Beekeepers Association and is in his second year as president of the Mercer County Board of Agriculture. Jeff became an EAS Master Beekeeper in 2015 at Guelph, Ontario.

Jeff grew up on his Grandfather's farm near Pennington, New Jersey. He was a member of his local 4-H Dairy Club and showed his Holstein cows at county, state and national events. Currently, Jeff teaches an Introduction to Beekeeping class at Mercer County Community College twice each year. Jeff was also an assistant Instructor for the Rutgers Bee-Ginner class with Tim Schuler and Bob Hughes for the last 3 years.