

INLAND EMPIRE BEEKEEPERS ASSOCIATION

2ND YEAR BEEKEEPING CLASS

2nd Year Beekeeping Class 2021 Version 2

- SYLLABUS -

This is a four day course teaching beekeeping techniques focused on the second year of bee keeping. The end result will be beekeepers who can over-winter, rebuild, and expand their hives; perform Spring management techniques that result in high honey producing hives while minimizing swarming; detect and address honey bee diseases and predators; and conduct Fall management practices that give their bees the best chance to successfully overwinter.

Day I: Spring Management 3/5/21 6:30pm to 8:30pm Zoom Class

Student Survey

Lesson Topics:

- Management Philosophy
- Spring Inspections – Weather dependent-review prev. hive records
- Varroa Testing
- Emergency Feeding Options
- Spring Feeding
 - Syrup & Pollen Paddies and discuss additives
- Spring Cleaning and comb analysis
 - Reversing
 - Analysis why hives died
- Increase and/or Dead-out Replacement
 - Nucs vs. Packages
- Split Production

Day II: Late Spring/Summer Management **3/19/21 6:30pm to 8:30pm Zoom Class**

Lesson Topics:

- Swarm Prevention
 - My Hive Swarmed? (Early June/July vs late July to Aug swarm)
 - Characteristics
 - What do I do?
- Maximizing Honey Production
 - Plug out of brood area for nectar
 - Stimulating/Feeding
 - Building Up for the Honey Flow
 - Nectar Dearth
 - Supering
 - Procedures to Make Honey Extraction Easier
- Honey Extraction Options (pulling supers vs mite control)
 - Pulling Your Honey
 - Do it yourself or pay for extraction

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Extracted Honey, Comb Honey, Chunk Honey

Day III: Summer/Fall Management 3/25/21 6:30pm to 8:30pm

Zoom Class

Lesson Topics:

- Re-Queening
- Disease Control Methods: Integrated Pest Management (IPM)
 - Frame Management
 - Chemical
 - Breeding
 - Natural/ 'Organic'
- Honey Bee Diseases and Parasites
 - Treatment Options – What We Teach
 - Mites: Varroa and Tracheal
 - American and European Foul Brood
 - Chalk Brood
 - Viruses
- Fall Bees – Fat bees
- Fall Feeding
- Honey Bank Deposits optional ways to do this.
- Wintering Hives
 - Winter Selection, Site selection, Wrapping hives, Insulated tops
- Overwintering Singles and Nucs

- Marketing of Bee Products - Homework
 - Types of Products
 - RCW 69.28
 - RCW 69.27
 - Proper Handling of Food Products
 - Insurance and Liabilities

Day IV: Field Day: 4/3/21 12pm-5pm

We will attempt to have this but will post additional info.

Lesson Topics:

- Dead Outs
- Spring Cleaning
- Reversing and Leveling
- Mite Evaluation & Spring Mite Treatments
- Queen Right Nuc Production
- Simplified Queen Rearing using a 5 frame Nuc