

2018 Knox Lincoln County Bee School

Textbook: **Beginning Beekeeping: Everything You Need To Make Your Hive Thrive**



February 27

-Introduction and Welcome to KLCB Bee School

-KLCB: The Organization

What it offers to its members:

Monthly meetings/Hive Openings

Educational Offerings/Mentors

Swarm List

Fireside Chats in Cold Months

-MSBA:

-Course Overview: The Big Picture

Course Syllabus and Materials:

Power point presentations/Hands On Stations

Presentations by Experienced Beekeepers

Textbook/Hand Outs

-Housekeeping Items

-The BEEHIVE: Parts/Purpose/Placement

-Anatomy of 10 Frame Langstroth

-Wax Foundation

-Plastic Foundation

-Foundationless

-Tools of the Trade

-Clothing: What to Wear and Not to Wear

-Smoker, Hive Tool, Wintergreen Alcohol

-The Inevitable Sting

-Setting up the Apiary/Considerations

-Break

-Stations: -Lighting a smoker

-Assembling outer box and frame

-Recap/Questions

March 6

-Bee Biology and Anatomy (brief)

-Hive Dynamics: Caste System of Bees

-Types of bees within the hive

-Life Cycle/Roles they play

-Communication

-Getting Started: Nucs and Installing Packages: Pros/Cons/ Differences

-Break

-Stations: -Packages: Installing package bees and the Queen

-Sugar Syrup Feeding/Recipes/Methods/How long to feed

-Recap/Questions

March 13

-Spring and Summer Management

- Life in the Hive After Installation
 - What will you SEE?
 - Potential Red Flags: Poor wax build up, fewer bees, no eggs or larvae, too much nectar/small brood nest (concept of honey bound)
- Supersedure/Requeening: Recognizing a queenless colony
- Swarm Control/Management/ Prevention Basics
- Creation of a swarm environment: Congestion
- Supering the colony IF NEEDED

-Checking Mite Loads

-Hive Inspection Sheets as Tool to evaluate your colony

-Break

- Stations: -Gathering samples of bees for alcohol wash/mite counts
- Picture Identification: Power point ID and discussion

-Recap/questions

March 20

-Fall and Winter Management:

-Evaluating the Colony: Population/Food stores/Mites/

-Fall Feeding/Robbing Behavior/Winterizing
Recipes, Open pollen substitute

-Extraction of Honey: Equipment/Materials needed
KLCB Extractors and Workshop on Extraction

-Break

- Stations: - Sugar Candy/Candy Boards
- Winterizing/Homosote Boards/Quilt boxes

-Recap/Questions

March 27

-The Challenges of Beekeeping

- Understanding and Managing Pests and Diseases
- Integrated Pest Management (IPM)
- Proper Use of Medications

Jennifer Lund
State Apiarist

April 3

-Putting It All Together: Beekeeper Calendar/Timeline of “Things to Do When”

- Foraging Plants Found Season by Season Useful to Honeybees
- Nectar/Pollen/Propolis

-Break

-Stations Together: Power Point Visual Review:

-Recap/Questions

April 10

-Bee Jeopardy

-Panel Q & A

-Mentoring Opportunities

-Course Evaluations/Certificates

