Beekeeping Equipment Basics

Amanda Bennett
Extension Educator,
Agriculture and Natural Resources

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Ag Madness
Virtually Presented

Early Beginnings

Langstroth Hives

- LL Langstroth combined “bee space” and moveable frames
- Father of American beekeeping
Hive Stand Functions

- Elevate the hive to protect from skunks, mice, other rodents.
- Weather protection (flood, snow, rain, soggy soil, etc.)
- Oh, my aching back!

Langstroth Hive Uncovered: Bottom Boards

Langstroth Hive Uncovered: Entrance Reducers or Mouse Guards
Langstroth Hive Uncovered: Deeps
- 19-7/8 inch by 16-1/4 inch
- 9-5/8 deep
- AKA Brood Box/Chamber
- Hives usually have 1-2 deeps
- Various wood types
- Can be painted

Langstroth Hive Uncovered: Inside the Deeps
- 10 frames
- 9-1/8 deep
- Wax or plastic (waxed-rite) or foundationless
- Wired or unwired

Langstroth Hive Uncovered: Inside the Deeps
- Starter strips
- Foundationless
Langstroth Hive Uncovered: Mediums/Shallows/Supers

- 10 frames
- 6-5/8 deep
- Honey storage

Langstroth Hive Uncovered: Lingo recap

Deep(s) = brood box = brood chamber = deep super = deep box

Supers = honey supers = mediums = shallows

Langstroth Hive Uncovered: Inner Covers

Langstroth Hive Uncovered: Telescoping Covers
Optional Hive Equipment: Queen Excluders

Must Have Inspection Gear: Hive Tools
- 9-9.5 inch hive tool
- J Hook hive tool
- Either one, just get two
- Inexpensive

Must Have Inspection Gear: Smoker

Must Have Inspection Gear: Smoker fuel
Optional Inspection Gear

Personal Protective Equipment (PPE): Suit Up!

PPE: Veils and Hats

PPE: Gloves
Specialized Equipment

Feeding Equipment: Boardman Feeder

- Easy set-up
- Cons
  - Quarts/pints
  - Robbing
  - Far from cluster

Feeding Equipment: In-Hive or Division Board Feeder

- Next to cluster
- Easy to re-fill
- Problems with re-filling
- Problems with drowning

Feeding Equipment: Plastic bag feeders

- Simple, gallon plastic Ziploc ©
Feeding Equipment: Pails with perforated lids

- Similar to Boardman
- Closer to cluster
- Larger capacity
- Need extra supers to enclose it

Regulations

- Apiary registration - ODA
- Moveable frames
- Zoning limitations

Thank you!

Amanda Bennett
Bennett.709@osu.edu