

Beekeeping Equipment Basics

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Ag Madness
Virtually Presented

Early Beginnings



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Langstroth Hives

- LL Langstroth combined "bee space" and moveable frames
- Father of American beekeeping



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Langstroth Hive Uncovered: Hive stands



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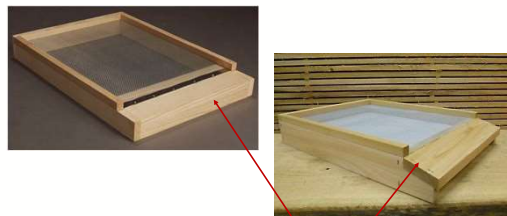
Hive Stand Functions

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

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Langstroth Hive Uncovered: Bottom Boards



Landing board

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Langstroth Hive Uncovered: Bottom Boards



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Langstroth Hive Uncovered: Entrance Reducers or Mouse Guards



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Langstroth Hive Uncovered: Deeps

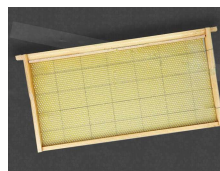


- 19-7/8 inch by 16-1/4 inch
- 9-5/8 deep
- AKA Brood Box/Chamber
- Hives usually have 1-2 deeps
- Various wood types
- Can be painted

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Langstroth Hive Uncovered: Inside the Deeps



- 10 frames
- 9-1/8 deep
- Wax or plastic (waxed-rite) or foundationless
- Wired or unwired



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Langstroth Hive Uncovered: Inside the Deeps



- Starter strips
- Foundationless



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Langstroth Hive Uncovered: Inside the Deeps



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Langstroth Hive Uncovered: Mediums/Shallows/Supers



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



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Langstroth Hive Uncovered: Lingo recap

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

Supers = honey supers = mediums = shallows

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Langstroth Hive Uncovered: Inner Covers



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Langstroth Hive Uncovered: Telescoping Covers



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Optional Hive Equipment: Queen Excluders



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Must Have Inspection Gear: Hive Tools



- 9-9.5 inch hive tool
- J Hook hive tool
- Either one, just get two
- Inexpensive

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Must Have Inspection Gear: Smoker



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Must Have Inspection Gear: Smoker fuel



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Optional Inspection Gear



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Personal Protective Equipment (PPE): Suit Up!



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PPE: Veils and Hats



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PPE: Gloves



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Specialized Equipment

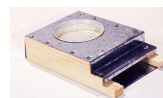


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Feeding Equipment: Boardman Feeder

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



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Feeding Equipment: In-Hive or Division Board Feeder

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



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Feeding Equipment: Plastic bag feeders

- Simple, gallon plastic Ziploc ©



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