

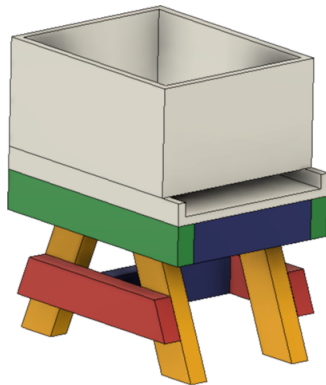
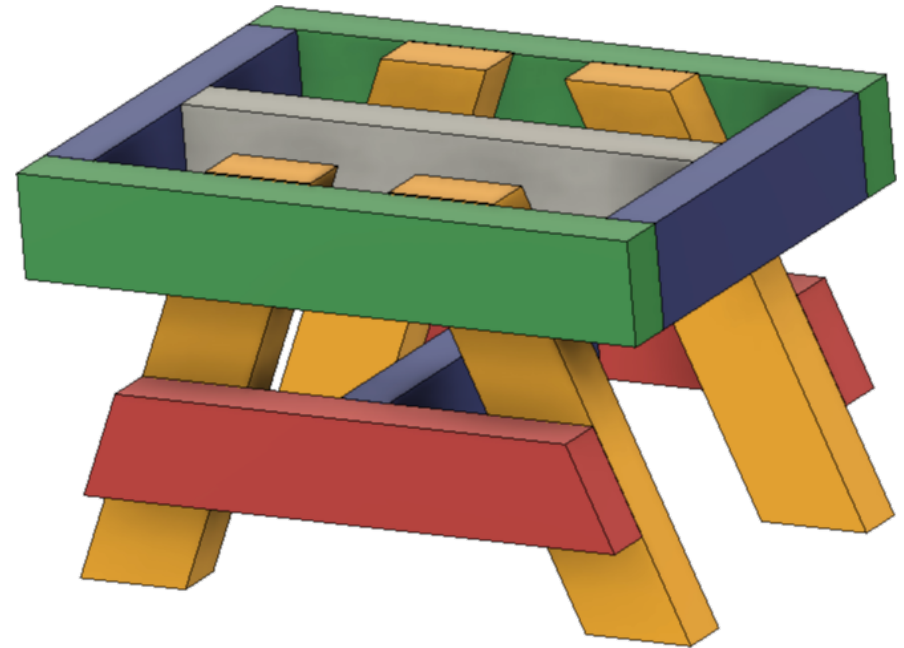
Hive Stand

This hive stand is for Langstroth beehives. The design is to raise your hive off the ground 16".

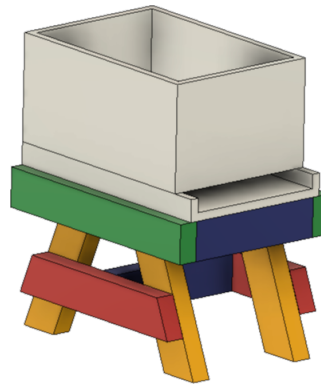
The size of the bottom boards for Langstroth hives are:

Frame Size	Width	Length
10-Frame	16 ¼"	22"
8-Frame	14"	
5-Frame / NUC	9 ⅛"	

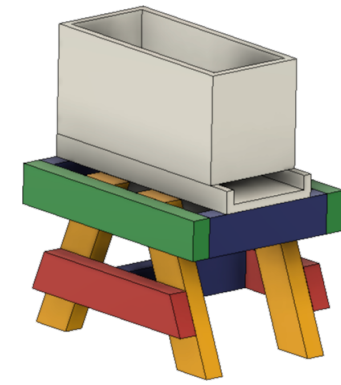
Regardless of the size, a common width is recommended. If it were too thin (e.g., for the 5-frame NUC), it might not present the stability needed.



With a 10-frame Body



With an 8-frame Body



With a 5-Frame NUC Body

Hive Stand

Bill of Materials

Parts required for building this are below.

Item #	Item	Qty		Comments
1	2" x 4" x 8' Pressure Treated	3	ea	
2	Deck Screws, #9 2 ½" long	24	ea	
3	Wood stain	1	pint	e.g., Minwax's Dark Walnut

Tools Needed

- Saw – I recommend a power mitre saw, though a hand saw could be used.
- Drill, with a $\frac{5}{32}$ " drill bit
- Impact Driver, with the bit for the deck screws being used (e.g., T-25).

Hive Stand

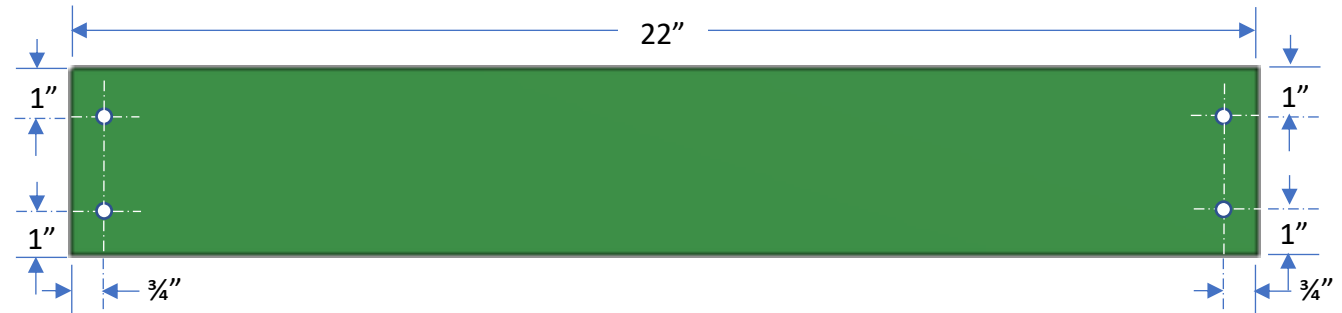
Cut the pieces needed

These are all cut from the pressure treated 2x4s.

Top Board #1

These are green in the picture on the 1st page.

Need
2

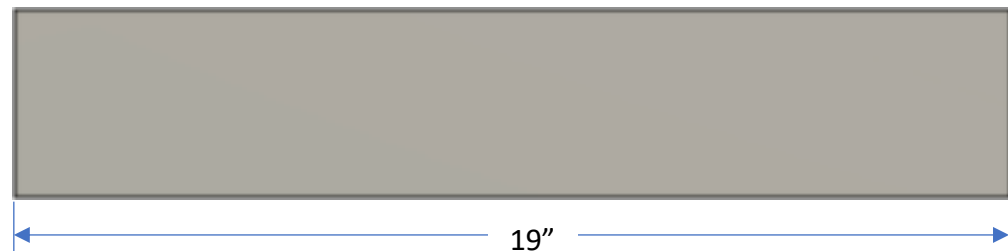


- Each 2x4 is to be 22" long.
 - They could be a bit longer if you wish. 22 ³/₈" is a good length.
- Locations for pre-drilling holes are marked – ³/₄" in from the ends; 1" in from each side. The holes should be drilled using a ⁵/₃₂" drill.
- 2 are needed

Top Board #3

This is gray in the picture on the 1st page.

Optional
1



- Each 2x4 is to be 19" long.
- 1 is needed, but this is optional.
- No pre-drilling is needed.

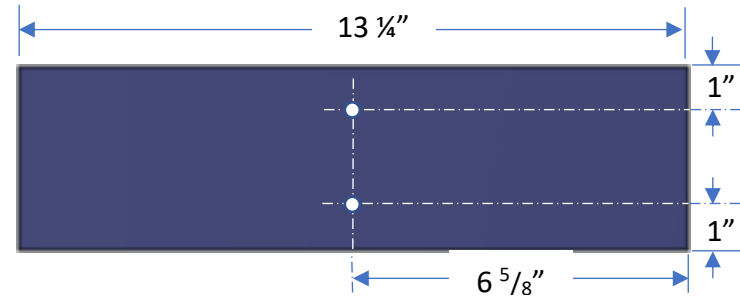
Hive Stand

Top Board #2 & Center Brace

These are blue in the picture on the 1st page.

Need
3

Frame Size	Length
10-Frame	13 ¼"
8-Frame	11"
5-Frame / NUC	6 ⅛"

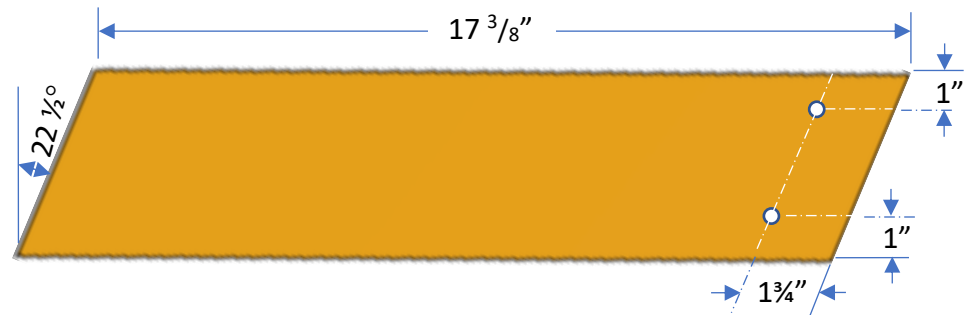


- Each 2x4 is to be 13 ¼" long.
 - If you do want to make the stands narrower for 8-frame or 5-frame supers, the lengths for this piece are in the table above.
- Locations for pre-drilling holes are marked – centered left to right, & 1" in from each side. The holes should be drilled using a 5/32" drill.
- 3 are needed.

Legs

These are yellow in the picture on the 1st page.

Need
4



- Each 2x4 is to be 17 ⅜" long.
- Both ends are cut at 22.5°.
- Locations for pre-drilling holes are marked – 1 ¾" in from one end; 1" in from each side. The holes should be drilled using a 5/32" drill.
- 4 are needed.

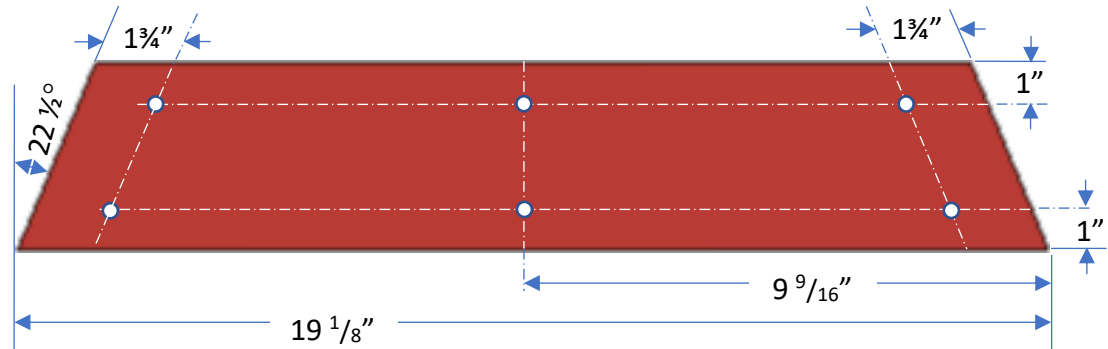
Hive Stand

Leg Cross Brace

These are red in the picture on the 1st page.

Need
2

- Each 2x4 is to be $19 \frac{1}{8}$ " long.
- Both ends are cut at $22 \frac{1}{2}^\circ$.
- Locations for pre-drilling holes are marked. The holes should be drilled using a $\frac{5}{32}$ " drill.
 - $1 \frac{3}{4}$ " in from each end; 1" in from each side
 - Centered left to right, and 1" in from each side.
- 2 are needed.



Stain the Wood

Staining the wood pieces is easier before assembly. I recommend a dark color such as Minwax's Dark Walnut.

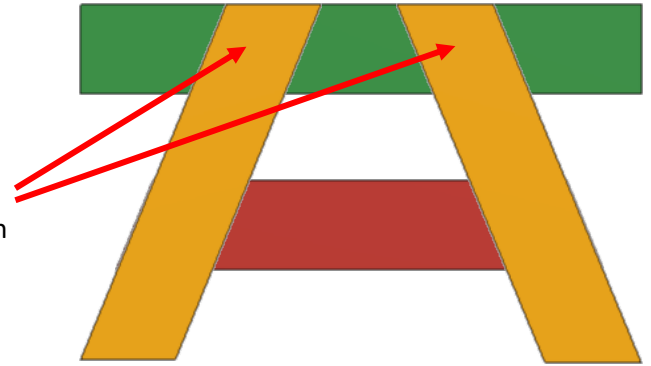
Hive Stand

Build Each Side

Screw the legs (yellow pieces) to the top board (green piece), using the 2 ½" deck screws.

Use the cross brace (the red piece) to hold the two legs at the right position.

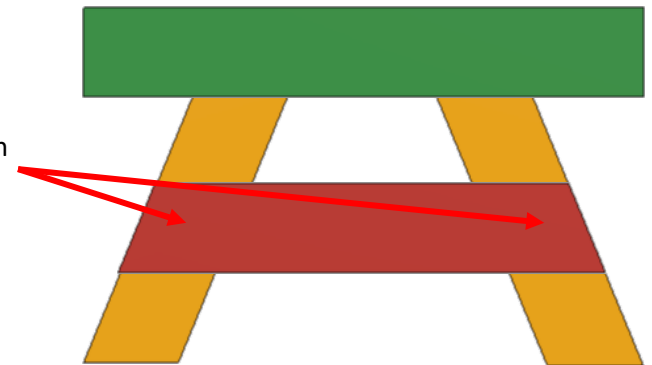
Screw these two pieces together with 2 deck screws per leg (4 total screws)



Flip everything over.

Screw the cross brace (red piece) to the legs (yellow pieces) using the 2 ½" deck screws

Screw these two pieces together with 2 deck screws per leg (4 total screws)



Hive Stand

Finish the Assembly

Add the 3 cross boards.

Screw the first two cross boards (blue pieces) to the other top boards (green pieces) using the 2 ½" deck screws

Screw the last cross board (blue piece) to the leg cross brace board (red piece) using the 2 ½" deck screws

The gray cross board in the top center is not required but may be a good idea if this is to be used for 5-frame NUC boxes. If using this board, screw that into place by screwing thru the cross board (blue pieces) using the 2 ½" deck screws

Screw these pieces together with 2 deck screws on each end (4 total screws per board)

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