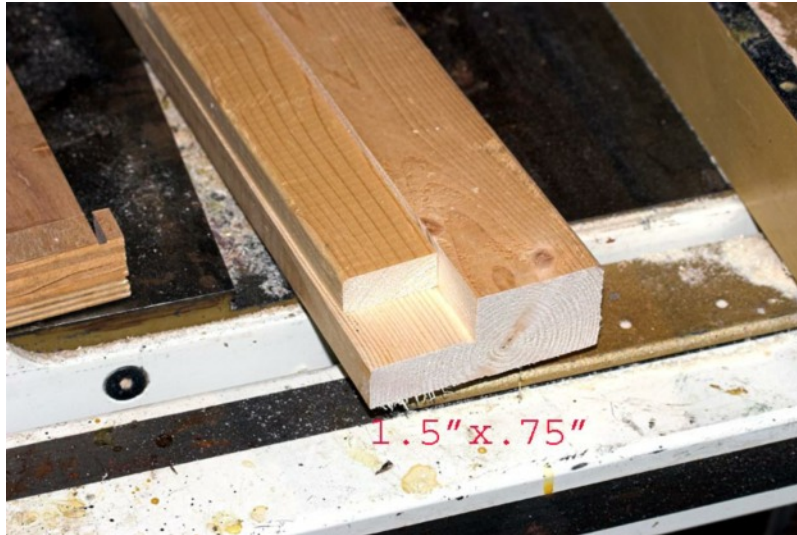


Table Saw Bottom Board

This is a simple screened bottom board made from stock material and a tablesaw. The side rails are from 2x4 stock. An 8' 2x4 makes 4 side rails or two bottom boards. In addition, you need 1x4 at least 60" long. I start by cross cutting my material to length. Cut the 2x4 into 23" pieces. It makes four. Cut the 1x4 into 14 3/4" pieces, at least four.



Now is the time to cut a groove for a slide in tray if you want one. I just set my rip fence for 3/4" and make several passes, adding 1/8" or so on each pass. I end up with the groove about 5/16" or 3/8".



One more rip and we're done. Again set the fence for 1.5" and rip two of the 1"x4" x 14 3/4" pieces.



Now we assemble using outdoor glue. I add some screws after I'm done. The 1"x4" x 14 3/4" piece is the front, providing the landing area.



The 1.5" x 3/4" x 14 3/4" piece is used on edge to seal the back. The remaining piece, 2" x 3/4" x 14 3/4" is laid flat at the back. This gives a place to staple the screen.



Now staple the screen in place. I don't bother putting in strips along the sides. I just let the screen curl up the sides a 1/2" or so and staple into the side rail. If you need a more rugged bottom for moving hives, you can add strips across the underside, either 1"x4" or 2"x4".