

Constructing a Raised Bed

(2 to 4 people are needed per box)

1. Stand on their ends, one of the 4' and 8' pieces of wood.
2. Fit the 8' piece up against the 4' piece.
3. Using the 2' square, make sure the two pieces are "square"--place the square on the inside and outside of the wood.
4. Using the tape measure, place one of the 3" brackets 2" down from the top of the corner of the 2 pieces of wood. Mark the 2" spot on each piece of wood, and then mark the 6 holes.
5. Place the two pieces of wood on the ground and drill the 6 holes with a drill bit (3/16") that will accommodate the 1-5/8" exterior screws.
6. Return the 2 pieces of wood to their upright position, lining up the bracket with the holes; using the phillips screwdriver and then the drill with the phillips bit, insert the screws. Insert all at first but do not completely tighten down until all 6 screws are partially inserted. **(Use one drill to make the holes and the other drill to insert the screws.)**
7. Repeat this process with the corner parallel to the one attached, i.e., parallel to the 8' piece (so that the boards now end up looking like a flat bottomed "U". The holes for the bracket on the 4' piece will be drilled with the board upright.
8. Repeat this process with the two corners on the opposite end of the bottom of the "U".
9. After affixing the 4 brackets, flip the box and repeat the process at the four bracketless corners, so that each corner will have two sets of brackets.

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For each raised bed:

3-2"x10"x8" pressure treated lumber @ \$13.97 (request Home Depot to cut one board in half)	41.91
2-bags 3" corner braces; pack of 4 @ \$3.77 (Home Depot)	7.54
1-cu. yd. planting mix @ \$33.00 (from Cummins Landscape Supply 724 Memorial Drive--delivery charge inside perimeter is \$40.50)	33.00
1-box (1lb.) 1-5/8" Primeguard exterior screws @ \$8.47 (good for at least 3 boxes)	<u>8.47</u>
	90.92
8% tax	<u>7.27</u>
	<u>98.19</u> (May 2013)

Tools Needed for each Raised Bed (Acquire from the Atlanta Tool Bank at a modest cost):

2-phillips head screwdrivers

2-squares (24")

2-drills: cordless with extra batteries and charger

phillips head bits and drill bits for 1-5/8" exterior screw and holes

2-tape measures (25")

2-claw hammers

pencils