

RAISED PLANTER

DIFFICULTY: *MEDIUM*



3 VOLUNTEERS



3 HOURS

MATERIALS

PREP

(4) 2x12x10ft boards

(2) 4x4x12ft boards

(2) 2x6x12ft boards

BUILD

(4) 2x12x86" pieces

(4) 2x12x29" pieces

(2) 2x6x96" trapezoids

(2) 2x6x36" trapezoids

(10) 4x4x27" pieces

1lb of 3" deck screws

24 cubic feet potting soil

Plants

TOOLS

PREP

Miter saw

Pencil

Tape measure

Carpenter's square

Safety glasses

BUILD

Tape measure

Pencil

Drill

Screwdriver bit

Safety glasses


PREP LIST

1. Sort all the materials into piles by like items to ensure you have materials needed to complete project.
2. Take the (4) 2x12x10ft boards. Cut each into (1) 86" piece and (1) 29" piece, for a total of (4) 2x12x86" pieces and (4) 2x12x29" pieces.
3. Take the (2) 4x4x12ft boards. Cut each into (1) 96" piece and (1) 36" piece, for a total of (2) 2x6x96" pieces and (2) 2x6x36" pieces.
4. Take the (2) 2x6x12ft boards. Cut each into (1) 96" piece and (1) 36" piece, for a total of (2) 2x6x96" pieces and (2) 2x6x36" pieces.
5. Take the (2) 2x6x96" pieces cut in step 3. Set the miter saw to 45° and cut angle off both ends, creating (2) 2x6x96" trapezoids.
6. Take the (2) 2x6x36" pieces cut in step 3. Keeping the miter saw at 45°, cut an angle off both ends, creating (2) 2x6x36" trapezoids.

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Safety glasses

BUILD

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Pencil

Drill

Screwdriver bit

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BUILD LIST

1. Sort all the materials into piles by like items to ensure you have materials needed to complete project. 
2. Take the (2) 2x12x86" and (2) 2x12x29" and assemble these four pieces into a rectangular box with the 29" pieces on the outside. Attach each corner with three screws. 
3. Now you are going to attach the (10) 4x4x27" posts to the box you just assembled. These posts will go on the outside of the box. Eight of the posts will sit 3" off from the corners of your box. The remaining two posts should be placed in the middle (3ft, 7") of the long sides, with an equal distance to the corner posts on each side of them. Attach each of these posts by driving 3 screws into them from the inside of the box. 
4. Take the remaining (2) 2x12x86" and (2) 2x12x29" pieces of wood for the second level. You are going to build this box inside of the 4x4 posts. 
5. Now flip the planter box over and place the two 2x6x96 and 2x6x36 trapezoids on top to form a lid. Be sure the inside edge of the 2x6s are flush with the inside edges of the 2x12s. Once in place screw the 4 trapezoids together at each end then screw the lid into the 4x4s and 2x12s as shown below. 
6. Place the planter in its location and mark where the legs will be placed. Move it to the side and dig the ten holes (1 for each leg) 3" deep. Place the planter legs in these holes, check for level-both side-to-side and front-to-back, then back fill the holes with dirt. 
7. Fill the planter half way full with fill material and the second half with top soil. Lastly, fill the planter with plants. 