GRAINBENCH ORIGINAL | BEGINNER

The Little Green Raised Bed

A small open-bottom raised bed, two boards high, with corner posts inside. Six 1x6 boards and a 2x2 make the whole thing.



SIZE	SKILL	TIME	JOINERY
36 in wide, 24 in deep, 11 in tall	Beginner	About 2 hours	Exterior screws

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01 / MATERIALS AND TOOLS

What to buy.

LUMBER AND SHEET GOODS

BUY	USED FOR
2 x 1x6 board, 8 ft	A long boards, E end boards
1 x 1x6 board, 4 ft	E end boards
1 x 2x2 board, 4 ft	P corner posts

Use untreated cedar or another naturally rot-resistant wood for growing food. A 1x6 is actually about 3/4 x 5-1/2 in.

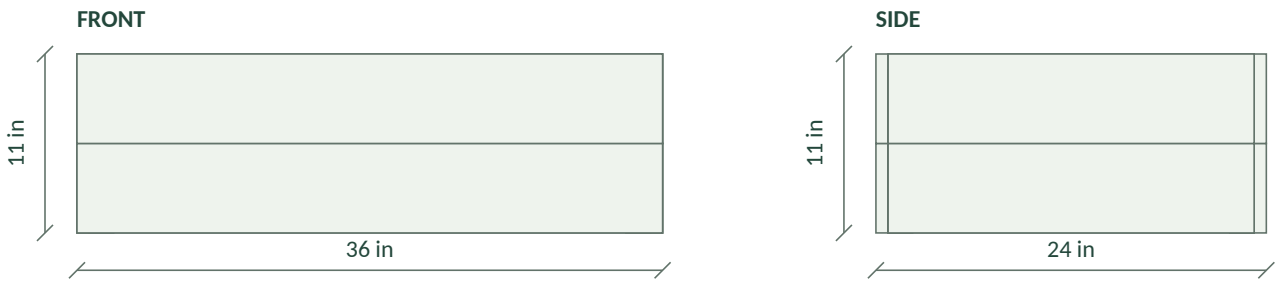
HARDWARE AND SUPPLIES

ITEM	AMOUNT
#8 x 2 in exterior wood screws	32, plus a few spares

TOOLS

- Saw for straight crosscuts: mitre saw, or circular saw with a speed square
- Drill/driver with a countersink bit
- Tape measure, pencil and a combination or speed square
- 2 clamps that open to at least 24 in
- Safety glasses and hearing protection

FINISHED SIZE



The end boards fit between the long boards. A post sits in each inside corner, flush with the bottom and 1 in below the top, and every board is screwed to it.

02 / CUT LIST

Cut the parts.

Cut the long boards A and the end boards E square, and the four posts P.

ID	PART	QTY	LENGTH	WIDTH	THICK	FROM
A	Long boards	4	36 in	5-1/2 in	3/4 in	1x6
E	End boards	4	22-1/2 in	5-1/2 in	3/4 in	1x6
P	Corner posts	4	10 in	1-1/2 in	1-1/2 in	2x2

CUTTING DIAGRAMS

1x6 x 8 ft

95-3/4 in used, including 1 in to square the end and 1/8 in per cut



1x6 x 8 ft

95-3/4 in used, including 1 in to square the end and 1/8 in per cut



1x6 x 4 ft

46-1/8 in used, including 1 in to square the end and 1/8 in per cut



2x2 x 4 ft

41-3/8 in used, including 1 in to square the end and 1/8 in per cut

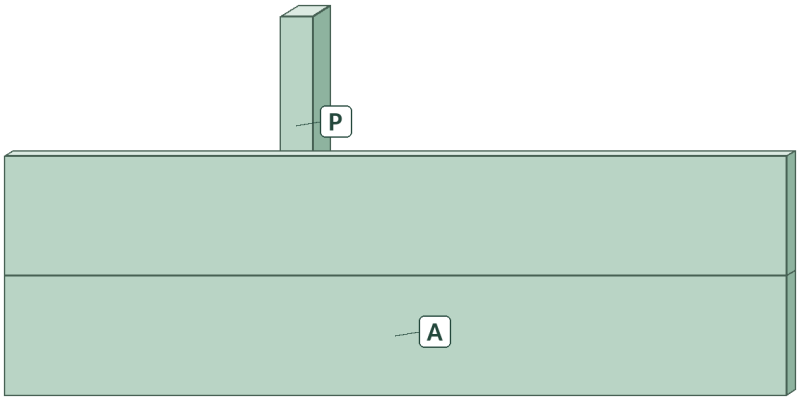


03 / BUILD

Put it together.

STEP 1 Build the long walls

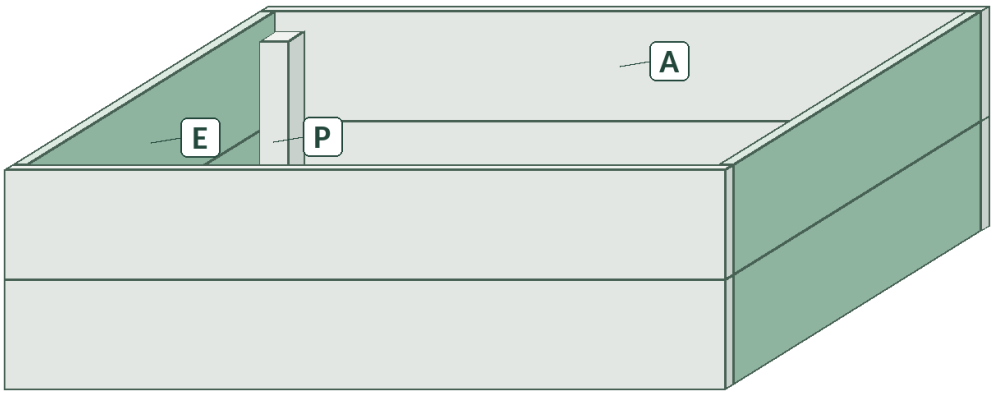
Lay two **A** boards edge to edge. Set a **P** 3/4 in in from each end, flush with the bottom edge. Drill and drive 2 screws through each board end into the post, 8 per wall. Make the second long wall.



GREEN: added in this step | GREY: already in place

STEP 2 Add the ends

Stand the long walls up, fit the **E** boards between them at each end, clamp it square and drive 2 screws through each board end into the posts, offset 3/4 in from the first set.



GREEN: added in this step | GREY: already in place

STEP 3 Set it in place

Level the ground, clear weeds, set the bed down with its whole bottom edge resting on soil, and fill it gradually.

03 / BUILD, CONTINUED

CARE

Do not sit or stand on the edges. Check the corners each season and replace any soft boards.

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Dimensions, part counts and cutting layouts were checked digitally. The plan has not been load-tested.