

Rainbox Construction

Materials, Prices, and Cutting.



Materials and Prices

The materials needed can be obtained at any local hardware or large box store. We will go over the materials and steps to cut up these pieces of wood to build this box at a cost effective way. Once you have made all your cuts revert to the Appendix A in soil to seeds curriculum for steps for construction and diagrams.

Materials

- ½ inch pressure treated plywood that is 2 feet by 4 feet. Cost about \$19
- 1 inch by 6 inch pressure treated lumber that is 8ft long. Cost about \$7
- 1 inch long 16 gauge brad nail box. Cost about \$2
- 1 and ½ inch long 16 gauge brad nail box. Cost about \$2
- Polyurethane wood sealant half pint. Cost about \$7

Total cost around \$37 dollars per box

Step 1 & 2

Take your plywood measure $9 \frac{3}{8}$ inches then rip the plywood with a table or skill saw. Then cut that piece to 41 inches long



Step 3 & 4

Cut the 1x6x8 board two times to get 2 boards 41 inches long. Then rip both of those boards down to 3 inches wide



Step 5 & 6

Take the remaining piece of 1x6x8 board cut off a piece that is $7 \frac{7}{8}$ in length. Then take that piece of wood and rip it down to 2 inches wide.



Step 7 & 8

Take the remaining piece of 1x6x8 board cut off a piece that is $7 \frac{7}{8}$ in length. Then take that piece of wood and rip it down to 3 inches wide.

Step 9 & 10

Take the remaining piece of plywood and rip the sheet $1 \frac{5}{8}$ inch wide. Then take and cut the length down to $9 \frac{3}{8}$ inches long.



Step 11 & 12

Take the remaining piece of plywood and rip the sheet $2 \frac{5}{16}$ inch wide. Then take and cut 2 pieces of that strip that are 1 inch long.

