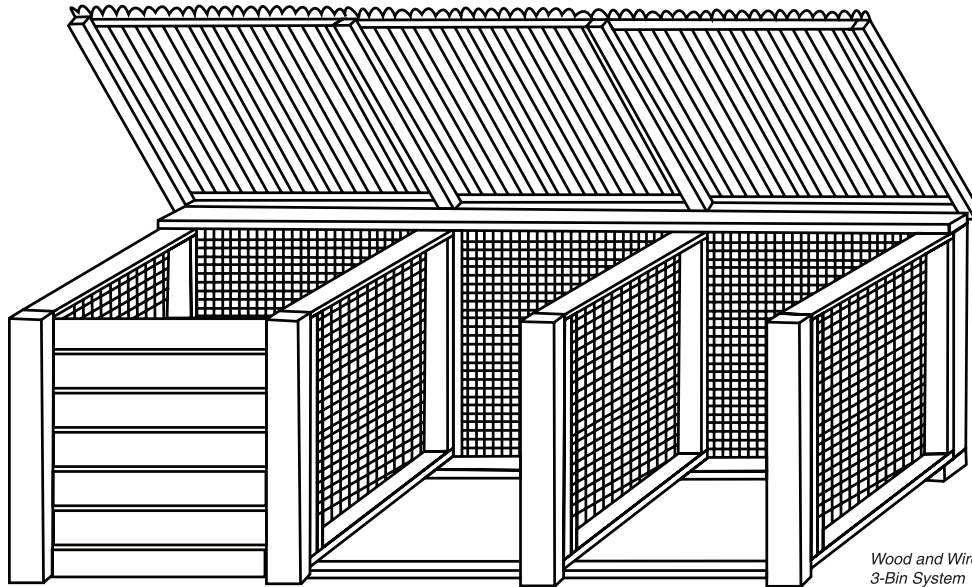


Wood and Wire Stationary 3-Bin System



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This bin system is designed as a turning unit to compost large amounts of yardwastes in the shortest period of time. It also works well for storage until enough material is collected for an entire bin. Gardeners benefit the most from this system because fresh compost is generated so rapidly.

Materials

- 2 18-foot cedar 2"x4"s
- 4 12-foot (or 8, 6 foot) cedar 2"x4"s
- 1 9-foot 2"x2"
- 2 6-foot 2"x2"s
- 1 16-foot cedar 2"x6"
- 9 6-foot cedar 1"x6"s
- 22 feet of 36" wide 1/2" hardware cloth
- 12 1/2" carriage bolts 4" long
- 12 washers and 12 nuts for bolts
- 3 lbs. of 16d galvanized nails
- 1/2 lb. of 8d galvanized casement nails
- 250 poultry wire staples or power stapler
- 1 12-foot sheet 4 oz. clear corrugated fiberglass
- 1 8-foot sheet 4 oz. clear corrugated fiberglass
- 3 8-foot lengths of wiggle moulding
- 40 gasketed aluminum nails for corrugated fiberglass roofing
- 2 3" zinc plated hinges for lid
- 8 flat 4 corner braces with screws
- 4 flat 3" T-braces with screws

Tools

- Hand saw or circular power saw
- Drill with 1/2" and 1/8" bits
- Screwdriver
- Hammer or power stapler with 1" long galvanized staples
- Tin snips
- Tape measure
- Pencil
- 3/4 socket or open-ended wrench
- Carpenter's square
- Safety glasses
- Ear protection



centered 1" from the outside edge. Secure base boards with the carriage bolts, but do not tighten yet. Turn the unit right side up and repeat the process for the top 9-foot 2"x4".

Make sure the bin is square, then tighten all bolts securely. Fasten a 9'2" piece of hardware cloth securely to the back side of the bin (again, bend back 1" for strength) and staple every 4" around the frame.

- **Slat guides and runners**

Cut the one 16-foot cedar 2"x6" into four 36" long pieces for front slat guides. Cut lengthwise two of these boards to 4¾" wide.

Nail them flush against the edges of the two front outside dividers and baseboard. (Save the two remaining 1¼ of the rip cut boards for use as back guides.) Center the remaining 36" 2"x6" cedar boards on the front of the two inside dividers, flush with the top edge, and nail them securely.

To create back guides, cut the remaining 2"x6" into a 34" piece and then rip cut into four equal pieces, 1¼"x2". Nail the six back guides parallel to front slat guides on each side of divider, leaving a 1" gap for the slat runner. Cut the runners in between the front and back guides.

- **Build the lid**

Use the last 9-foot 2"x4" for the frame of the back lid. Cut four 32½" lengths of 2"x2"s and one 9-foot 2"x2". Arrange into position on ground and check for squareness. Screw in corner braces and T-braces on the bottom side of the frame. Center lid frame, brace side down on bin structure and attach with hinges. Cut wobble board with 1/8" fiberglass to fit flush with front and back edges. Overlay pieces at least one channel wide. Pre-drill fiberglass and wobble board for each hole. Nail on top of every third hump with gasketed nails.