

# Materials Budget for Vermicompost Bin

## Example Vermicompost Bin



## Required Materials and Signage

- (1) 1/2-in x 4-ft x 8-ft Southern Yellow Pine Plywood Sheathing
- (1) 2-in x 4-in x 8ft #2 Prime Wood Pressure Treated Lumber
- (1) 3-in Zinc Mortise Door Hinge (2-Pack) (for top of box)
- (1) 2-in Zinc Mortise Door Hinge (2-Pack) (for front of box)
- (8) Strong-Tie 1.25-in x 1.25-in x 3.25 in 18-Gauge G90 Galvanized Steel Angle
- (1) #8 x 2-1/2-in Bronze Epoxy Flat Exterior Multi-Material Screws (for attaching 2x4's to sides of box to create shelf inside box)
- (1) 1.25-in Unfinished Round Traditional Cabinet Knob (for opening the bottom front door of box)
- (1-2) Dark 10-Gallon (40-Quart) Tote with Standard Snap Lid (24" long x 16" wide x 8.8" deep)
- (1) Clear Storage Plastic Bin with Lid, 28 quart (2 Count) (5-7 Gallon, 22-24" long, 15-16" wide, & 5-6" deep)
- (1) Gallon of Exterior Stain/Paint (pick a light color that will help reflect sunlight)
- (1) 4-Piece Paint Roller Kit
- Shredded Newspaper or fallen leaves, lightly moistened (*for bedding*)
- Handful of sand or crushed egg shell (*for grit*)
- ~100 Worms (*red wigglers, red worms, manure worms; NOT night crawlers*)
- Educational Sign (explaining vermiculture)
- 6 ft. U-Post for Fence (for educational sign)
- (2) 1/4-in x 1-1/2 in Zinc-Plated Coarse Thread Hex Bolt (2-count)
- (2) 1/4-in x 20 Zinc-Plated Steel Hex Nut
- (2) 1/4-in Zinc-Plated Standard Flat Washer

**Estimated Total Cost** (with bin, worms & signage): **\$270-295**