

Portland Maine Permaculture

Hoophouse Raising Party :: Hoophouse "Recipe" (details can change to suit your needs, see "variations) www.portlandmainepermaculture.com

To build a 4' x 6' rectangular, portable hoophouse with hinged/modular hoop top for season extension. See variations at the end. This is a guideline only; modify to suit your needs.

Materials List to Build (1) Hoophouse:

Base

- (2) 6' 2"x6" boards
- (2) 4' 2"x6" boards
- (25) 3" deck screws
- (2) 3" hinges, exterior (blk finish)
- (2) Handles (black exterior type)

Hinged Lid

- (2) 6' 2"x4" boards
- (2) 4' 2"x4" boards
- (3) 6' lengths of 1-1/4" black plastic pipe (HDPE)
- (6) 1-1/4" pipe clamps
- (7) 6' lengths of strapping
- 6 mil UV Greenhouse film 12' x 7'
- (25) 1" drywall screws
- (25) 2 1/2" drywalls screws
- (15) 1/4"x 3" lagbolts with nuts and washers
- (12) aluminum corner angle bracket supports
- Black barn door style handle
- Optional Anchors [2' pieces of rebar]

Tools List:

- Power Drill
- Hacksaw (to cut plastic pipe)
- Miter saw
- Tape measure
- Square
- Pencil

General Assembly Steps:

1. assemble base
2. assemble lid
3. cover hoophouse with UV greenhouse film

Variations:

Size Options - Can adjust to suit (4'x8' for example)

Materials Options - can use different types of lumber, UV vs Non-UV plastic, etc.

Hardware quality = your choice