



# SILVICULTURE FIELD TIP

Field tested ideas.

Contact the author for further information.



Division of Forestry

## BEMIDJI AREA

### SEEDLING STORAGE BOXES

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The "Bahr Box" is an insulated container for transport and on-site storage of tree seedlings. The box is designed to fit 2-sled snowmobile or similar trailers. Thirty-six standard DNR tree boxes can be hauled inside these containers. Seedlings are kept in cold storage until needed by the planting crew. Then the "Bahr Box" is loaded with the appropriate amount of trees and hauled to the site. There it is chained to a tree and the planting crew leaves the trees in the cooler until needed. Opened boxes can be put back in the cooler which protects them from the sun, wind, temperature and rain. Often times enough trees can be loaded into the cooler for more than one site. On smaller sites the contractor has hauled the cooler from site to site.

Bemidji Area has built three of these boxes. DNR personnel will often haul a full cooler to a site and return with the empty one. The boxes have proven sturdy and effective. The system allows more flexibility for delivering trees to a site. The truck used for hauling only needs the right size ball hitch. This allows the use of trucks with slip-on units to deliver trees and still have quick response to a fire.

### Material List

1½ Sheets	3/8 AC plywood 4'X 8'
12 Sheets	1/4 AC plywood 4'X 8'
40	2" X 2" X 8'
5 Sheets	1" styro 4' X 8'
2½ Pounds	1¼ sheet rock screws
2 Pounds	16d box nails

Material cost approx. \$260.00

Build floor first. Floor should measure 6' X 8'. Then build walls with a bottom and top plate. Keep in mind your outside measurements so that your plywood will fit. By doing it this way you can sheet the inside as you build and insulate and sheet outside after box is built.

- SEE DIAGRAM ON BACK -

(Also see February 1991  
SILVICULTURE FIELD TIP titled  
DEER RIVER AREA SEEDLING  
STORAGE BOXES by Eugene Mannelin)

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