

OHIO NURSERY DEVELOPS SIX-ROW TRANSPLANTER

Irving Dickman
Assistant Chief, Division of Forestry Ohio
Department of Natural Resources
Columbus 15, Ohio

In the July 1949 issue of the Journal Of Forestry, there appeared on page 531 an article entitled "The New Bradley Transplanter." The article pertained to a seedling transplanter that was developed by Tom O. Bradley, Nursery Manager, Soil Conservation Service Nursery, Zanesville, Ohio. This transplanter differs from the usual type found in forest tree nurseries in that it plants five rows instead of the normal two rows in one operation.

In some nurseries, the transplant bed consists of six rows, and when this bed is reduced to five rows, it requires an additional twenty percent of land area to transplant the same number of trees. Having noted the success of the five-row transplanter at Zanesville, the staff at the Marietta Nursery, Ohio Division of Forestry, Marietta, Ohio, started work on a six-row transplanter.

After much planning, and with the able assistance of Mr. Tom Bradley and two commercial machine shops, the six-row transplanter was developed and placed in service at the Marietta Nursery in September 1949. A Cletrac Model E tractor was modified so as to pull the transplanter at a speed of only 10 feet a minute. The bulk of the fall transplanting was done with this machine, and it has been used for practically all planting in 1950. To date, it has averaged transplanting about 100,000 trees daily, and the Marietta staff is quite enthusiastic about this piece of equipment.

Blueprints showing detailed plans of this transplanter can be obtained at a cost of \$1.00 per set from The Department Of Natural Resources, Division of Forestry, 1500 Dublin Rd., Columbus 12, Ohio.

