

School of Forestry,
University of Minnesota

North Central School and Experiment Station, University of Minnesota
(about 1 mile east of Grand Rapids)

Chapman Plantations. --Of considerable historical interest to foresters are the several red pine plantations established at the North Central Station in 1900 by the then director of the Station, Professor H. H. Chapman. Planting stock consisted of 2- to 4-year-old wildlings collected near Carlton (vicinity of Cloquet), Minn. in spring 1898, and grown in transplant beds until time of outplanting.

Tree improvement nursery. --The major portion of the conifer propagation work carried on in conjunction with the School of Forestry's tree improvement project is centered at the North Central Station. Several thousand seedlings and transplants of white spruce black spruce, red pine, jack pine and white pine are currently lined-out in the nursery for use as rootstocks in the grafting program. The hardwood nursery and seedbeds for the project are located on the St. Paul Campus.

Demonstration area. --This triangular area, lying south of the North Central Station tree improvement nursery, was planted in part in spring 1956 with various parental clones of balsam poplar and aspen and their F_1 offspring. The balance of the area will be planted with certain related F_2 populations now being grown in the St Paul nursery.

D. M. Gunn Memorial Park (about 5 miles north of Grand Rapids on Highway 38, west shore of Prairie Lake)

Tree improvement arboretum. -This arboretum occupies a portion of the D. M. Gunn Memorial Park established by the Charles K. Blandin Foundation. In cooperation with the Blandin Foundation, the School of Forestry has undertaken establishment of the arboretum to ensure perpetuation of a reservoir of potentially useful tree genes for future breeding work. Initial plantings were made in spring 1956. Each clone or seedling family is represented by a single plot of at least 4 trees. Spacing is 10x10 feet. Two genera are now represented: Populus (80 clonal lines of 20 different species or hybrid combinations); and Betula (128 paper and yellow birch seedling families of different seed source).

Blandin Tree Nursery. --This modern nursery, adjacent to the D. M. Gunn Memorial Park, is under development by the Blandin Paper Company. Initial work on the nursery site was started only last year.