

Forest Products Laboratories

RESearch and Technical Service in connection with wood and all articles or products manufactures therefrom is the business of the Forest Products Laboratories of Canada at Montreal.

The laboratories have adequate modern machinery and equipment for research into the mechanical, physical, chemical and other properties of woods as related to their uses—35 technologists and others are engaged in strength testing, preservative treatment, pulp and paper making and other branches of wood technology.) The laboratories have the finest reference library in Canada relating to the properties and utilization of woods; have made over 40,000 tests on the strength of Canadian woods by modern standardized methods; have investigated conditions at over 300 mills, factories and other buildings in Canada and the United States with respect to the decay of timber in such buildings; have published over 70 technical articles, bulletins, etc.; have dealt with thousands of technical inquiries, frequently involving special experimental investigations or tests; have investigated preservative treatments as applied to Canadian timbers for railway ties and other purposes; have conducted research into the chemistry and technology of Canadian woods in relation to pulp and paper making; offer information on the causes and prevention of decay of wood in buildings and on the preservative treatment of timbers; offer free technical services of various kinds to the public, such as the identification of woods, analysis of pulps, papers, etc.; offer courteous co-operation in the solution of any problem encountered in the use of wood.

Creosoted Post Outlasts Cedar

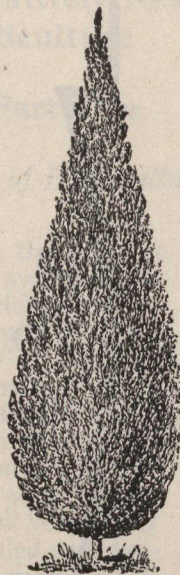
FOR many years it has been thought that the only timber that would give a reasonable period of service as fence-posts was cedar. The Forest Products Laboratories of the Department of the Interior, Canada, state, however, that by employing a comparatively simple method it is possible to treat posts of certain hardwoods in such a way that they will have a life at least twice as long as cedar posts. The preservative effect of this treatment is clearly shown in fencing erected at the Dominion Forestry Branch forest nursery at Indian Head in 1917. Here posts of Russian poplar were used, both treated and untreated, and it is interesting to note that all the untreated posts erected at this time have decayed and been removed while the treated posts are all still in service and appear as sound as the day they were placed in position.

Transplanting Shade Trees

Q.—What are the chief precautions to take in transplanting small shade trees?

A.—With such trees as maple, elm, ash, oak, etc., make sure to do your transplanting before the leaves commence to bud. Dig well around the roots and carefully avoid destroying any of the fine hair roots which are so vital to the growth of the tree in its new location. Dig the new hole plenty large enough to take the roots comfortably and plant your tree about six inches deeper than in its first location. Allow as little time as possible to elapse while the roots are lying exposed to sun and wind. Put the best earth closest to the roots and tamp it firmly.

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