

Elm avenue, or an Oak avenue and so on. Other species may be used, except, however, at the approaches to towns or actually therein, native trees should alone be used. Exotic species or varieties such as Norway Maples, Oriental Planes and European Lindens may in the Southern and milder parts of Canada be used to great effect in planting memorial avenues near our towns and cities. There will, however, be no trees as good for the purpose as the forementioned hardy native ones.

While the choice of trees must be left largely to the various committees or bodies responsible for the planting, a word of warning regarding the excessive use of certain species may not be out of place. There may be a general tendency to plant maples. Were all the avenues composed of maples or largely so, monotony would pertain along our roads. Could the work be co-ordinated and handled by a central executive such as the Canadian Forestry Association, excessive use of any given species could be obviated.

Soft Maples Unsuitable.

Soft or silver maples should not be too extensively used. They are subject to injury in both wind and sleet storms with the result that they become at times unsightly and their branches sometimes litter the roads. The tree itself does not suggest permanency although it is a fairly long lived species. The Manitoba or Ash leaved maple should be avoided. There is nothing permanent about it. It is more harmful than useful to roads. The poplars of various kinds, while extensively planted in Europe along the roads are not of permanent character in our climate and usually in fifteen to twenty-five years start to decay and become dangerous. The Horse Chestnut, a noble and dignified exotic has its limitations. It is subject in all dry localities to a rust which attacks the foliage, and also to the attacks of various insect pests. In localities with a humid summer atmosphere the tree does well. It has been predicted that this species is doomed to extinction on this continent. The writer hopes that such is not the case as apparently it is one of the few shade trees for road or street which may be grown largely in Northern Ontario, at least in the latitude of Cobalt, and where it makes strong and healthy growth, as evidenced by the specimens which have been planted.

The thought of what will constitute the ultimate appearance of the avenues should be uppermost in the

minds of those responsible for the planting, as well as what will constitute their appearance at various seasons of the year. What can be more beautiful and more impressive than an avenue of Red Oaks at any time, whether in winter when nude of foliage in their very mightiness or in the spring or fall at which latter time the gorgeous colouring of the leaves cannot be surpassed.

Do we ever stop to think that we live in close communion with the trees for a period of five or six months during winter and early spring when they are dormant? Why then should we not choose trees which afford a pleasing and unique effect during these dull months? Avenues of the occidental plane or Button Ball are exceedingly impressive in winter, the greyish green appearance of trunks and limbs is always attractive, and the trees are beautiful at all times.

Hard Maples Suitable.

The symmetry, beauty and adaptability of the hard maple tree for avenue planting is too well known to merit mention here. It is altogether in another class from the soft maple. If used judiciously Hard Maples

Beauty is only a relative term and can only be judged by comparison. Avenue after avenue ad infinitum of one species will after the first feeling of admiration has left him become uninteresting to the beholder and will remain so until fresh and interesting objects strike the eye.

Imagine you are driving along a flat and uninteresting road. How monotonous and even tiresome it becomes as mile after mile is traversed and no relief appears on the landscape. What a change when rolling tree clad hills appear in the distance and soon on every side there is variety. You are alert in a moment, interested and awake. To the sickening monotone has been added the notes which create harmony and your very being seems to absorb the music.

So with the avenues of spreading maples, lordly elms, mighty oaks, distinctive and different in themselves, their grace and beauty enhanced, if anything, by comparison as the various avenues are encountered along the different roads. There is no monotony, only the harmony that pleasing changes alone can bring and the quiet restfulness which the un-



WELL PROTECTED HIGHWAYS FOR THE PRAIRIES.

A fine avenue of Manitoba maples with such an abundance of foliage that the appearance of the countryside is transformed.

should have a high place in the scheme of Memorial Avenue planting. If however, they are used exclusively in a number of adjacent municipalities the avenues will lose their attractiveness and individuality as they will become decidedly monotonous and commonplace. Every avenue will be alike.

impaired dignity of these God-given avenues alone can impart.

Digging the Trees.

Nursery grown trees, and those which grow naturally in the bush land, may be planted. If the former, the prospective planter will not be

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