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FARMER'S ADVOCATE AND HOME JOURNAL, WINNIPEG

mer's Dessert, and Patten's Greening. These With regard to late growth in trees, it should are named in the order of their established repu- be borne in mind that selection has as much to are named in the order of their established repu-tation for hardiness, and the Alberta experiments do as special treatment. The problem is identi-plant ten dollars' worth of nursery stock about his carry out the earlier reputation for hardiness or cal with that of the grain grower who has to comthe absence of it. The first two varieties are plain of injury to late oats. A ninety day oat is in that line which would yield him the largest returns. doing well, while of the last variety very few obviously better than a hundred day oat, and It is possible to spend ten dollars with a fruit tree trees are living. The crab apple trees are nearly an extreme of the early maturing habit in trees agent and get very little for your money. It is also all living, and are doing well. The plums do not would obviously be the best way to counteract is to make a very mod showing. Young forest trees appear to be a success thus far. It would, how- late maturing, due to special climatic conditions. ever, be premature to conclude that they cannot meet the climatic conditions, as one year's test cannot mean much in the naturalization or acclimatization of a new variety of tree in any country.

The department has arrived at the conclusion that trees should not be above two years old for planting. The younger trees can be trained to lower habit than the larger ones, and can withstand wind better on this account. The lower tion of fruit of various kinds. Owing to the varying spreading top is some protection to the trunk climatic conditions of the many countries from which against sun scald. It is caused by the alternate consignments are shipped to the United Kingdom, freezing and thawing of the bark on the south such favorite fruits as apples, oranges and bananas side of the tree.

The department favors fall shipping rather than spring shipping of trees, but the difference is chiefly an accidental one. Spring shipments cheap articles of diet. are apt to be hurriedly packed, and owing to irregularities in season, their arrival cannot be largely, it is interesting to note that there has been properly timed. If they are properly buried or a striking increase in the home cultivation of such kept moist they can be set out under the most fruits as are capable of production in the United favorable conditions.

more vigorous than those obtained from Ontario increased from 148,221 in 1873, to 250,176 in 1907. or Minnesota. The shipping distance is, of course, less, but the advantage is thought to be chiefly in the approximate acclimatization of the Manitoba stock.

stock planted, but not of a serious sort.

The general success of the growing of fruit trees seems to indicate the possibility of general fruit growing in the province. The same general side of varieties, hardy stock is desired. It is probable, however, that with progress in care and treatment, that the number of varieties will increase to those doing well in other parts of the wood or saw timber. Dominion. On the side of care, there seems to be two or three matters requiring consideration. One is the development of relatively low habits of growth suited to the prairie, the second is providing against sun scald by growing well-spread tops, sloping the trees towards the south-west, and the third care is to have sufficient moisture about the tree to hold the tree dormant during the winter period. It is the case that the lateness of summer rains protracts summer growth of wood, and trees frequently have too much soft top of wood, which suffers with the advent Dr. Fernow's work in forestry is familiar all over this of winter frosts. If crops can be grown about continent; while Dr. Clark, in addition to his work of winter frosts. If crops can be grown about continent; while Dr. Clark, in addition to his work practised the trees to use up the moisture of the soil at this with the U. S. Forest Service and a number of years election. time, the wood will mature earlier. On the other as forester to the province of Ontario, has of late had

Fruit Acreage in United Kingdom

Writing to Weekly Trade & Commerce Report, from London, England, Harrison Watson says:

In recent years there has been no more striking feature in the home life of the inhabitants of Great Britain than the remarkable increase in the consumpcan be purchased almost without a break throughout the whole year at low prices, and practically every kind of fruit grown now reaches this market at different seasons in such quantities as to be available as

Although the importation of fruit has developed so vorable conditions. Kingdom, and according to figures which have Trees secured from Manitoba nurseries are recently been published, the acreage of orchards has Of these latter, no less than 244,118 are located in England, and over 172,000 are devoted to the cultivation of apples.

No reliable statistics of small fruits were compiled before 1897, but the 64,792 acres which were being Some fungus diseases have occurred in the cultivated in that year had increased to 82,175 in 1907.

Canada's Timber Land Decreasing

One hundred million acres would be an adequate biological problems occur as in the case of the estimate of Canada's timber land, in the opinion of introduction of any other plant or annual varieties Dr. Judson F. Clark, of Vancouver, B. C., formerly viz., the problems of selection and care. On the superintendent of forests for Ontario. This estimate, it must be explained, includes only lands on which are found "forests of commercial value, as measured by present day logging standards" (to quote Dr. Clark's own words), and including those areas bearing pulp-

> The above statement is considerably lower than that of two hundred million acres given by Dr. B. E. Fernow, of the University of Toronto faculty of forestry, when speaking of the same class of land. Be the difference what it may, both estimates go to show the shrinkage of the estimated timbered area of Canada, which has followed on close examination, from the eight hundred million acres (or even twice that area) formerly put forth, and until lately accepted without question.

Both the estimates first given are the statements of men who are acknowledged authorities in this line. hand, with the advent of winter, the moisture extended experience of British Columbia forests and timber, in connection with the commercial firm he now represents. The Canadian people may well draw from these estimates the warning that their timber wealth is far from being the "inexhaustible" supply that it was once supposed to be, and that what they have requires careful husbanding, both in the way of adequate on November 26th. protection of the forests that now exist from fire and should be care taken in the selection of orchard measures with a view of getting increased supplies close. Lack of orders for rails is said to be the reason.

What Ten Dollars Would Do

place if he knew the exact investment he could make possible by careful buying, to obtain sufficient mater-ial to make a very good showing. Young forest trees like the ash and elm can be obtained in quantity for about one-half cent apiece. One dollar's worth of these placed in groups or masses, at the sides and rear of the buildings will add very materially to the comfort and appearance of the place in a very short time. Young ornamental shrubs like the lilac, snowball, and spirea, are easily grown and can be obtained from the nurseries at a low cost. Where one buys a large plant, of course he must expect to pay more; but this is not necessary. Small plants, well taken care of, are usually more satisfactory than the large ones for general planting. Most nurseries have a quantity of small stock which they are glad to dispose of at prices not exceeding ten cents per plant. It will thus be seen that with an outlay of ten dollars one can supply himself with about all of the ornamental material that he will need for the average place. The secret lies in purchasing at the right price only such things as are known to be hardy and valuable, and then in planting them in groups and masses where they will grow best, and produce the best effects.

FIELD NOTES

Events of the Week

CANADIAN

The Hamilton "Tigers" won the Rugby championship of Canada at Toronto on the 28th.

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Hon. Clifford Sifton's election in Brandon has been protested.

Up to the end of November Port Arthur elevators handled some 15,000,000 bushels of grain.

* * *

Sir Wilfrid Laurier has returned to Ottawa after. enjoying a holiday of ten days in New York.

The investigation into the department of marine and fisheries continues to reveal numerous instances of petty graft.

H. C. Simpson, of Virden, has been selected by the Conservative party to contest the constituency made necessary by the death of the late Mr. Agnew. Robert Forke, of Pipestone, is the choice of the Liberals.

* * *

Wholesale personation was proved to have been practised near Port Arthur in the recent Dominion

The heavy blizzard and snow-storm of last week swept Lake Superior and tied up navigation for a

in the soil is insufficient for the safety of the tree through the winter.

Individual experimenters in fruit growing are of the opinion that the wealth of humus of the virgin soil tends to rank growth as against ripening, and in soils sufficiently thin some have followed the practice of planting down into the subsoil. As this appears as a real difficulty, there other enemies and the introduction of timber forestry areas in the way of securing thin or sharp soil. from areas already forested or to be forested in future. The works employ about 1500 men.

FUJI WICKO SAFETY

time. As yet there are few reports of loss. * * *

The bear at "Deer Lodge" Winnipeg, went into his den on December 1st. Last year he "went below"

The steel plant at the Canadian Soo is about to



A NORTHERN MANITOBA RIVER WITH TIMBERED BANK