

HORTICULTURE

To Control the Sale of Nursery Stock

The legislative control of nursery stock has been under consideration for some time by the Ontario Fruit Growers' Association. There is a feeling that nurserymen should be compelled to guarantee stock true to name. During the past year, a committee appointed by the association investigated the question with a view to the matter thoroughly, meeting on one occasion in conference with a committee of nurserymen. Its report presented at the convention of the association held in Toronto recently took the form of a draft bill as follows:

1. This Act may be cited as "The Nursery Control Act."

2. In this Act the words "Nursery Stock" shall mean any fruit tree, vine, shrub or plant or any part of any fruit tree, vine, shrub or plant.

3. No person, firm or corporation shall engage or continue in the business of growing and selling nursery stock or act as selling agent, selector or otherwise within the province or shall import nursery stock into the

province, unless he is licensed by the Department of Agriculture for Ontario on application and shall be good for one year from date of issue. Such licenses may be suspended or cancelled by the Department of Agriculture upon evidence satisfactory to the department that the holder of the license has sold nursery stock contrary to any sections of this Act.

4. Any person neglecting to carry out the provisions of this Act shall upon conviction, be liable to a fine of not less than \$..... and not more than \$..... together with costs, and in default of payment thereof, shall be subject to imprisonment in the common goal for a period of not less than days and not more than days.

Apple Packing

"Apple Packing Packages" was the subject of an address by Mr. Elmer Lick of Oshawa, at the convention of the Ontario Fruit Growers' Association. He said that one of the problems of packing is to get men who are reliable and capable of doing the work. The Oshawa Co-operative Fruit Growers' Association, of which Mr. Lick is manager, is doing good work in its neighborhood in educating farmers and fruit growers in the matter of proper packing and grading. While

system does not bruise the fruit so much. Rack the barrel occasionally when putting in the fruit. When packing in boxes, it is a good idea to place a wire around each one to strengthen it."

Fruit Meetings in Quebec

The sixteenth annual meeting of the Pomological and Fruit Growing Society of the Province of Quebec held last week at Macdonald College, proved to be the best in the history of the association. There was a representative attendance from all the fruit sections of the province. The papers that were read and the discussions that followed them were of a high order. The interest that was taken in the meeting showed that the fruit growers of Quebec are determined to be right up-to-date in fruit methods and practices.

The election of officers for 1909 resulted as follows: President, Prof. G. Reynaud, La Trappe; vice-president, Prof. W. S. Blair, Macdonald College; secretary-treasurer, Peter Reid, Chateauguay Basin; district directors, G. B. Edwards, Covey Hill; J. E. Buzel, Abbotford; J. G. P. Hiltcheck, Massawippi; A. D. Verreault, Village des Aulnaies; S. Auguste Dupuis, Village des Aulnaies; S. P. P. Macdonald, Lachine; L. Locks; J. W. W. Grignon, Ste. Adele; R. H. W. Thompson, Hudson; N. E. Jack, Chateauguay Basin.

An expression of condolence in regard to the passing-away of Dr. Jas. Fletcher was unanimously passed. A beautiful tribute to the memory of this great friend of horticulture was made by Dr. Jas. W. Robertson. A resolution was passed thanking Dr. Jas. W. Robertson and his staff for their hearty co-operation in making the meeting a success. It was moved also and passed, that "Whereas this society appreciates the good work that was done at the Dominion Fruit Conference held in 1906, and realizes the rapid development that is taking place in the fruit industry of all Canada, and feels that there are yet many problems that require national consideration and discussion to bring about their solution, be it resolved that the society of the Dominion Department of Agriculture to hold another conference during the coming winter, and that a copy of this resolution be forwarded to the Hon. Spence Fisher, Minister of Agriculture."

THE FRUIT EXHIBIT

The fruit display was the best that has ever been held by the society. With a few exceptions, the quality of the apples was excellent and showed that the Province of Quebec can produce some varieties that are equal to and probably surpass similar ones grown in any other part of the Dominion. The competition in the class called for best collection of fruits, brought out a fine lot of apples. The first prize was won by A. A. Johnston, Cowansville; second, E. W. Shepherd, Montreal; third, A. Lalonde, Isle Perrot. About 25 seedling varieties of apples were shown in competition. Many of these were fairly good, two in particular being very promising.

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For the best winter seedling, Peter Reid, secured first prize; A. A. Johnston, second, and C. P. Newman, third. For the 12 best commercial varieties and for six best export varieties, A. A. Johnston won first. Mr. R. W. Shepherd winning second in the latter class. Mr. R. Brodie, Westmont, won first for the best barrel of apples. For the best box, first went to Chas. Fisk, Abbotford, second to R. Brodie, and third to A. Lalonde. The successful exhibitors in the plantations were, A. A. Johnston, R. Jack & Son, P. Reid, Chas. Fisk, R. W. Shepherd, A. Lalonde, C. P. Newman, L. Davidson and A. Bishop. W. T. Macoun and J. M. Fisk acted as judges. Mr. Macoun also displayed a large number of fruits originated in Canada and grown in the orchards of the Central Experimental Farm.

ADDRESSES AND DISCUSSIONS

The titles of the addresses and the names of the speakers are as follows: "The Cultivation of Orchards in Quebec and Eastern Ontario," Harold Jones, Maitland; "Young Trees vs. Old Trees," Prof. G. Reynaud, La Trappe, Que.; "The Antiquity of Certain of our Cultivated Fruits," Prof. F. C. Harrison, Macdonald College; "Some of the New Practices in Pomology," N. E. Jack, Chateauguay Basin; "Principles of Plant Breeding," Prof. W. Loebach, Macdonald College; "Some Results in Plant Breeding," Prof. W. T. Macoun, Ottawa; "Insectivorous Birds," Dr. John Britton, Macdonald College; "Busby Man's Garden," R. B. Whyte, Ottawa; "From the Garden of Eden to the Gardens of St. Anne's," Dr. Jas. W. Robertson, Macdonald College. These papers will be continued in subsequent issues of The Canadian Dairyman and Farming World.

"The Canadian Dairyman and Farming World is very good, I have taken it for fifteen years," Mr. Walter Gilbert, Middlesex Co., Ont.



A Corner of a Co-operative Packing House with Part of the Force

Besides the Oshawa Fruit Growers, Limited, mentioned in the adjoining article, there are about forty more co-operative fruit growers' associations in Ontario. Amongst the most progressive is the one at Chatham, managed by Mr. W. D. A. Ross, a corner of whose packing house is shown in the illustration. Only those growers in the neighborhood are accepted as members who spray, prune and care for their orchards on modern principles. The work of this association, among others, has proven conclusively that co-operation pays.

province for sale without first having obtained a license to carry on such business in the province. (Washington, Dec. 20) as in the Act provided.

4. All nursery stock sold within the province shall be labelled with the true name of the varieties and if imported, with also the name of the place where grown.

5. No person, firm or corporation or agent of such person, firm or corporation engaged in the sale of nursery stock shall substitute other varieties for those ordered without first having obtained the written consent of the purchaser.

6. Any nurseryman or agent of any nurseryman shall be liable for damages in the common courts of the province within 12 months after the trees come into bearing, where fraud can be shown in the substitution of varieties or the sale of stock untrue to name.

7. No contract shall be made by any nurseryman or agent of any nurseryman containing provisions contrary to any section of this Act.

8. The Department of Agriculture for Ontario shall publish yearly a complete list of the persons, firms and corporations engaged in any way in the nursery business, such list to state clearly whether the parties are bona-fide growers of stock or agents only.

a few years ago these operations were performed indifferently, great improvement is now noticeable.

"One can pack more apples in a better way in a fruit house than in the orchard," remarked Mr. Lick, "and the cost is about the same. An essential is to have good barrels, well nailed. The heads should be of basswood. The hoops should be driven tightly. For each liner, only five nails are necessary and two of them should be clinched. The staves should be straight. When filling, place the barrel on a level place. Have the face right, even or with smaller rows around outside. Fill evenly and have the apples, as far as possible, interspersing with each other rather than directly one on top of another. This



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