

become somewhat discolored or heated too much. To supply the nectar for summer, patches of alsike clover are raised. White clover is also raised. In seeking its food the bee is a valuable assistant to the Messrs. Cooper, who are extensive gardeners.

Aside from the above-mentioned labor in connection with food supply, the only attention the bees require is during the summer to prevent too frequent swarming. This is done by cutting out the queen cells. This work and the extraction of honey is not fraught with the dangers which the uninitiated might imply. After being among the bees for some time their sting is scarcely noticeable.

In placing the colonies away for winter, care is taken that a sufficient supply of honey is in each colony—about fifty pounds. In some cases honey is taken from the stronger colony and given to the weaker. Coming to the financial side of the bee industry, we may say that last year the Messrs. Cooper had a two-ton harvest, which was readily disposed of locally at fifteen cents a pound.

THE FARM BULLETIN.

NATURAL SCIENCE.

One of the most gratifying educational tendencies of the times is the increased attention given to the study of nature, whereby the faculties of observation are developed and useful facts disclosed. In this direction, the Wellington Field Naturalists' Club has been doing good service, and its journal, *The Ontario Natural Science Bulletin*, though weighted with a rather prolix title, is improving the scope and quality of its contents, and must prove increasingly useful to students of natural history. The third number for the current year shows how an interest in botany and ornithology may serve to check the foolish rush of young people to cities and towns, and advises the formation of natural-history clubs in every county. The Bulletin is under the editorial direction of T. D. Jarvis, B. S. A., of the Ontario Agricultural College, with A. B. Klugh, as review editor.

CANADA'S ELEVATOR CAPACITY.

For the handling of the crop of the West this year there are, according to the Department of Trade and Commerce, 1,221 elevators and 52 warehouses in the West, with a total capacity of 55,222,200 bushels. On the line of the Canadian Pacific there are 917 elevators and 32 warehouses, with a capacity of 28,538,200 bushels; on the Canadian Northern, 275 elevators and 20 warehouses, with a capacity of 7,485,000 bushels; on the Midland and Brandon, Saskatchewan and Hudson's Bay, 13 elevators, with a capacity of 365,000 bushels on the Alberta Railway & Irrigation line, 7 elevators, with a capacity of 209,000 bushels. The Canadian Pacific has seven Ontario terminal elevators, with a capacity of 11,265,000 bushels, and the Canadian Northern has two terminal elevators, with a capacity of 7,000,000 bushels.

N. G. Wilson, Secretary of the Charlotteville Fair, at Walsh, Ont., informs us that their date this year is October 17th. The date will appear next week in our regular list of fairs.

THE CANADIAN MANUFACTURERS' POSITION.

Another convention of the Manufacturers' Association has come and gone, with the usual agitation in favor of upbuilding a tariff protective of the manufacturers' interests. Mr. Gurney, of Toronto, was most emphatic in his declarations. He would, he declared, in one of those catch phrases which are so easily pounced upon and turned to ridicule, "build a tariff as high as Haman's gallows" against American imports. Finally, a resolution was passed in favor of immediate steps being taken to urge the Government to afford higher protection to the woollen industry.

A notable feature of the convention, considering the trend that educational affairs are taking throughout the American continent, was the reading of the report of the Technical Educational Committee, which stated that the work of the Committee is being steadily directed towards the inauguration by the Dominion Government of a movement to secure for Canada a comprehensive national system of industrial training.

One of the last acts of the convention was to pass a resolution declaring that the Treaty between Great Britain and Japan has already done a great deal towards the development of trade with Japan, and that its abrogation would be disastrous, not only to the existing trade, but to the hope of future extended relations. The resolution urged upon the Government the desirability of taking no hurried action in regard to the matter of restricting Japanese immigration.

At the banquet which succeeded the session, all fears of preceptancy upon the part of the Government were removed by Sir Wilfrid Laurier, who, in a memorable speech, declared that to denounce the treaty now "would be simply panic." Time, he declared, is needed for inquiry, for reflection, and the disinclination to annul the treaty is all the greater because of present hopes of establishing an "all-red" route. The Premier's words were wise. The situation is beset with exceeding difficulties calling for supreme tact and wisdom. Haste might prove disastrous. Meantime, the Dominion of Canada may rejoice that she has a statesman of Sir Wilfrid Laurier's calibre and spirit guiding her national destiny.

MAPLE SYRUP PURER.

A bulletin, issued by the Department of Inland Revenue, at Ottawa, shows that of 244 samples of maple syrup from various parts of Canada examined seventy-seven per cent. were genuine, eight per cent. were adulterated, and the balance were mixtures, or doubtful. The last examination made in May, 1906, showed only fifty-one per cent. of samples genuine. Of the 257 samples of maple sugar examined, 185 were found to be genuine, fifty-seven adulterated and ten doubtful.

THREE IN ONE.

If you desire to do your neighbor, who may not be a "Farmer's Advocate" reader, a good turn, get him to subscribe now for the paper for 40 cents till the end of the present year, thus securing the new serial "Carmichael" (illustrated), the initial chapters of which will appear next week, the Christmas Number for the year, with its many unique features, and all the regular issues.

NO BEANS FOR EXPORT.

Editor "The Farmer's Advocate":

From reports of farmers and dealers throughout the bean section of Ontario, we will show about seventy-five per cent. of a crop of beans compared with last year. We think the quality will be fairly good. The Michigan crop of beans is reported eighty per cent. of last year's crop. Most of the old beans in Canada, as well as Michigan, have been shipped, but quite a good deal are still held in dealers' hands. We think the price of beans on hand-picked basis will open up at about \$1.40 per bushel of 60 lbs. This will mean, prime beans that will not pick more than three pounds to the bushel will bring \$1.25 to the farmer, or two-pound pickers, \$1.30. The crop is fully three weeks late this year, which also makes the beans late coming on the market. It will take all the beans in Canada for the Canadian trade, practically nothing for export. The people of this country have at last appreciated the value of beans for food, and we will not only require more beans in our country every year to supply the increase of population, but also to increase the quantity that will be used per family.

THE CANADA FLOUR MILLS CO., LTD.
Kent Co., Ont.

HIGHER PRICES FOR BEANS.

Editor "The Farmer's Advocate":

Our bean crop is reported as a light one this year, yielding in the neighborhood of twelve bushels to the acre; although this is only estimated, as none of the beans are threshed, and at this date, Sept. 27, only about half the crop is in the barn. The balance are the late ones, and are green yet, which, if we should have a favorable fall, and frost holds off for two or three weeks, will give a much larger yield than the earlier ones. The acreage is about similar to last season, and we think, from the present outlook, the crop will be about seventy-five per cent. of last year's. The old crop is well cleaned up. We know of only one car at Chatham for sale, and the other bean-growing districts of this and adjoining county are also reported to be about sold out. The price is very much higher than a month since, owing to the scarcity of old stock and fair demand. The first new beans that come on the market will, no doubt, bring a good price, probably in the neighborhood of \$1.50, if not more than one-pound pickers.

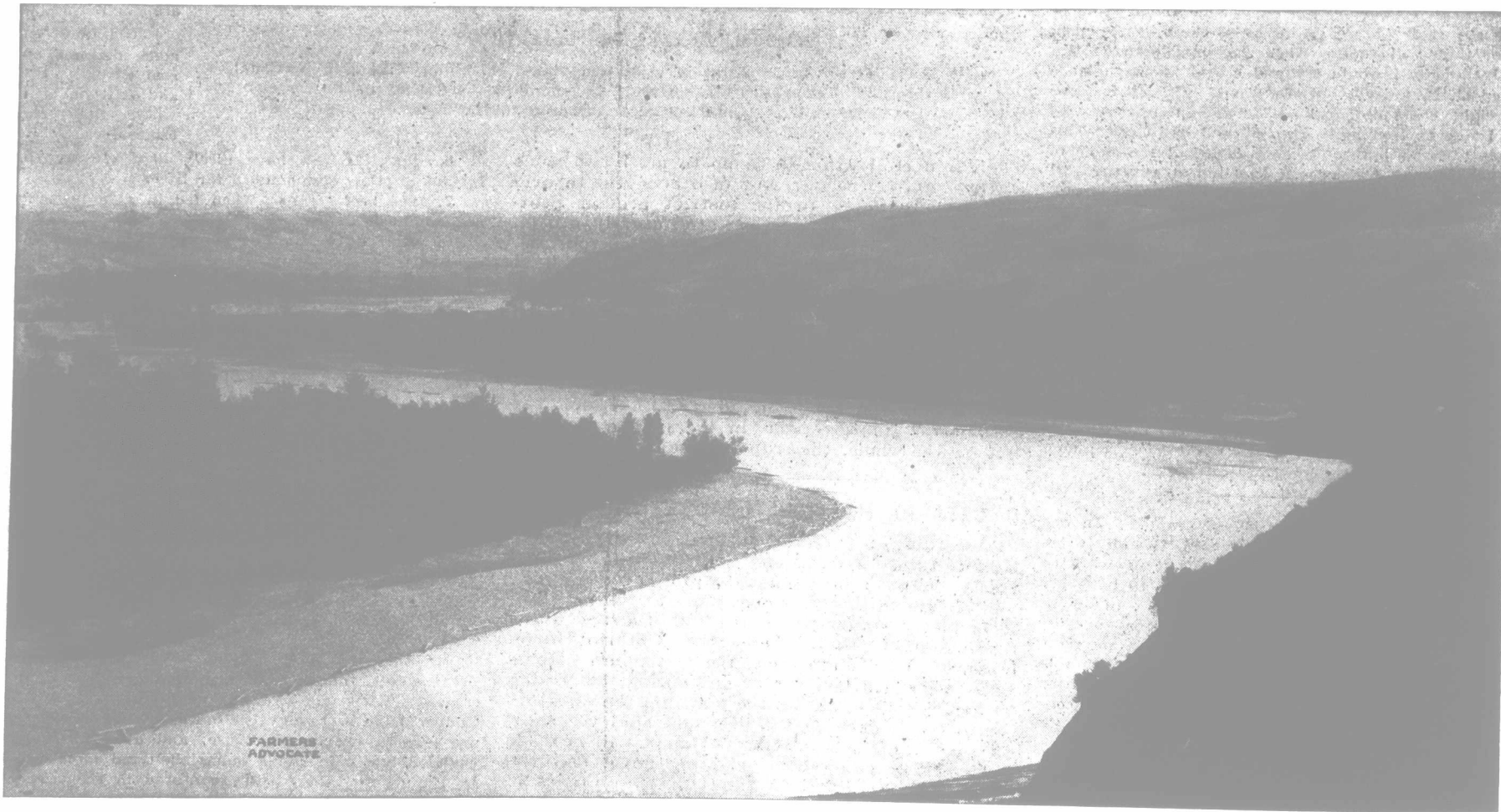
J. B. STRINGER & CO.
Kent Co., Ont.

HOW ABOUT BEANS?

In this section of the Province, the bean crop acreage is about 40 per cent. less than last year, and the yield from 25 to 60 per cent. less. Our own crop was hardly hurt with hail when in blossom. What are the prospects further west, in the great bean districts, and what are the prospects for prices? Will some of your readers who make a specialty of bean-growing, let us know through "The Farmer's Advocate."

Norfolk Co., Ont.

A. POTTS.



The Belly River, Lethbridge, Alta. Over which the C. P. R. will build a bridge over a mile in length at a cost of about a million dollars.