

## FOR SALE AND WANTED

Advertisements under this heading inserted at rate of two cents a word for each insertion, each figure, sign or single letter to count as one word, minimum cost, 25 cents, strictly cash in advance.

**IMPORT BULBS and Perennials**, direct from Holland, at quarter price. Get import list at once. Morgan's Supply House, London, Ont.

**PIPE FOR SALE**.—All sizes for steam, hot water heating, posts, green house construction work, etc., very cheap. Send for price list, stating your needs.—Imperial Waste and Metal Co., 7 Queen Street, Montreal.

**MARKET GARDEN**.—One of the best in this country, 11 acres, 2 story brick house, barn, root house, 3 greenhouses; land all planted to crop now; immediate returns; adjoining the City of Brantford, one of the best markets in this country. Have a look at this. Stock, chattels and crops can go with this going business. Address R. J. Taylor, Rose Lawn Gardens, Brantford.

**WANTED**.—Young men who desire to learn the trade of Blacksmithing, Woodworking, Body Making, Painting, Trimming or Machinist; also men experienced in the above trades, with a reliable concern, in one of the healthiest cities in the world. Write full details, giving references, age, experience, if any, and whether single or married. Address H. V. Kimble, c. o. Studebakers, South Bend, Indiana.

## FRUIT LANDS

**FRUIT FARM WANTED** for rent. Might purchase later.—Box S., Canadian Horticulturist.

**ALL KINDS of Farms** for sale. Fruit Farms a specialty.—W. B. Calder, Grimsby.

**FRUIT FARMS** sold and exchanged. List with us for quick sale. See us if you are thinking of buying a fruit farm.—F. J. Watson & Co., 1275 Queen Street W., Toronto, Ont.

**OKANAGAN FRUIT LANDS** grow prize-winning fruits, commanding top prices. Ten acres irrigated land assure independence and delightful home. Low prices; easy terms. Illustrated booklet.—Panton & Emsley, Vancouver, British Columbia.

**FORT GEORGE, BRITISH COLUMBIA**, Grand Trunk Pacific Railway terminal. Centre richest farming area. Banks, business establishments, already purchasers—lots \$150 up; ¼ cash. Farm lands also.—Northern Development Co., Vancouver, B. C.

**BRITISH COLUMBIA FARM LANDS**.—80,000 acres on Grand Trunk Pacific Railway. Fort George District—retail or en bloc. Rich soil, ideal climate, easy terms.—The Mercantile Trust Co., Ltd., Vancouver, B. C.

**BRITISH COLUMBIA**—Fort George lands—50,000 acres fertile wheat and mixed farming lands. Send for photographs and surveyors' reports.—The Wright Investment Co., Dominion Trust Building, Vancouver, B. C., Canada.

**IF YOU WANT** to buy a good fruit farm, read the advertisements in this column. If you have a fruit farm you wish to sell, tell our readers about it in The Canadian Horticulturist.

**LATEST—BEST**—British Columbia Fruit District—Kaleden in South Okanagan—4 miles lake frontage—Apricot and Peach Belt; high priced high grade varieties of apples, European grapes. Decomposed lava ash soil; reservoir gravity pipe water system to every lot. Finest domestic water. Very long summer season; early spring; dry climate. Illustrated Booklet Free. Send for it to-day.—T. G. Wanless, Kaleden, B. C.

**SALMON ARM**, Shuswap Lake, B. C., has the finest fruit and dairy land in B. C. No irrigation necessary, mild winters, moderate summers; no blizzards, or high winds; delightful climate; enormous yields of fruit, vegetables and hay; good fishing; fine boating amidst the most beautiful scenery, and the Salmon Arm fruit has realized 25 cents per box more than other fruit in B. C. Prices of land moderate, and terms to suit. Apply to F. C. Haydock, Salmon Arm, B. C.

**GROW APPLES AND GROW RICH**.—10 acres in British Columbia's finest fruit growing district will support a family in comfort. Prize fruit, enormous crops, high prices, big profits—\$200 to \$500 per acre. Established settlement, no isolation, plenty good neighbors, best transportation, good markets, grand scenery, hunting, fishing, shooting; school, church, stores, post office, hotel; daily trains. Splendid climate: fine summers, mild winters; high winds and low temperatures unknown. Prices right. Easy terms. Proofs, plans, particulars.—Fruitvale Limited, Land Dept., Nelson, B. C.

## Tillage vs. Sod Mulch

To determine whether the apple thrives better under tillage or in sod, the New York Experiment Stations at Geneva is conducting two experiments. A preliminary report on one of these is given in Bulletin No. 314, of the station. The method of tillage chosen was to plow in the spring, cultivate until late July, and follow with a cover-crop. The sod method chosen was that known as the sod-mulch method, in which the grass is cut as a mulch. The results show that tillage seems to be better than sod for the following reasons:

"The results of 120 moisture determination in the orchard (where the tests were conducted) show the differences in tree growth and crop in the two plats of this experiment are mainly due to differences in moisture, the tilled plat having most moisture.

"As a consequence of the reduced water supply in the sod plat, there is a reduced food supply; for it is only through the medium of free water that plants can take in food. Analyses show that the differences between the actual amounts of plant food in the two plats are very small.

"Analyses show that there is more humus in the tilled plat than in the sod plat, contradicting the oft made assertion that the tillage method of managing an orchard 'burns out the humus.'

"At a depth of six inches, the tilled soil is 1.1 degrees warmer in the morning and 1.7 degrees at night, than the sod land; at 12 inches the tilled soil is 2.3 degrees warmer in the morning and 1.8 degrees in the evening.

"We are justified, without the presentation of specific data, in saying that a tilled soil is better aerated than sodded land.

"Soil investigators are well agreed that beneficial micro-organisms are found in greater numbers in a cultivated soil than in other soils.

"The following application of the results of this experiment may be made:

"Nearly all the plants which minister to the needs of man are improved by tillage; the apple does not seem to be an exception.

"Results as positive as in this experiment can be made very comprehensive; they should apply to all varieties of apples and to nearly all soils and locations.

"The experiment does not show that apples cannot be grown in sod; it suggests, however, that apples thrive in sod, not because of the sod, but in spite of it.

"While moisture is by no means the only factor to be considered in the controversy over the sod and tillage methods of managements, it appears to be the chief one.

"There is nothing in this experiment to indicate that trees will become adapted to grass. The sodded trees began to show ill-effects the first year the orchard was laid down to grass and each succeeding year has seen greater injury."

## COMING EVENTS

Under this heading, notices of forthcoming exhibitions and meetings of horticultural importance will be published. Send the information as long in advance as possible.

Calgary, Alberta Provincial. June 30-July 7  
Charlottetown, P. E. I. Provincial. ....

Sept. 20-24.

Halifax, N. S., Provincial. Sept. 28-Oct. 6.  
London, Eng., Royal Horticultural Show  
(for colonial-grown fruit and vegetables)

Dec. 1-3.

London, Ont., Western Fair. Sept. 9-17.  
New Westminster, B. C., Provincial. ....

Oct. 4-8.

Ottawa, Central Canada. Sept. 9-17  
Regina, Sask., Provincial. Sept. 2-5.  
Sherbrooke, Quebec Pomological Society

(Summer Meeting) Aug. 30-Sept. 1.  
Sherbrooke, Que., Great Eastern. ....

Aug. 27-Sept. 3.

St. John, N. B., Dominion Exhibition. ....  
Sept. 5-15.

Toronto, Canadian National. ....  
Aug. 27-Sept. 12.

Toronto, Ontario Horticultural. Nov. 15-19.  
Vancouver. Aug. 15-20.

Victoria, B. C. Sept. 27-Oct. 1.

Winnipeg, Industrial. July 13-23.

A very complete bulletin (No. 143) on "The Codling Moth," has been issued by the Agricultural Experiment Station at Durham, N. H. Among the subdivisions are life history, experiments in spraying, directions for spraying, cost of spraying and co-operative spraying.

The plans for Welland Park at Welland, Ont., that were submitted by Brown Brothers Company, Nurserymen, were accepted and the planting was done this spring. The plan provided for paths, lawn, shade trees and shrubbery beds. Brown Brothers Company supplied all the trees and shrubs for the work. They are adepts at landscape planning, and their nursery stock is the equal of any grown on the continent.

## HARDY PERENNIAL SEEDS

Catalogue Sent Free on Application

**DUPUY & FERGUSON**  
SEEDSMEN MONTREAL

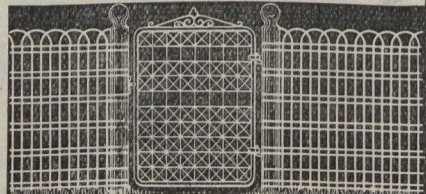
## As handsome as the best iron fence at less than the cost of cheap wood

Here's a neat, strong, durable fence that will add to the appearance of the handsomest city lawn and is cheap enough, close enough and strong enough for the farm. The

## Peerless Lawn Fence

is made of heavy No. 9 steel spring wire, so it can never sag. It is carefully galvanized and coated with white enamel paint. No investment you can make will add so much to the appearance of your property.

**THE BANWELL HOXIE WIRE FENCE CO., LTD. DEPT. O. HAMILTON, ONT., WINNIPEG, MAN.**



Also a full line of poultry and farm fences and gates. Write for particulars.