

THE CANADA FOOD BOARD

Says

Last year it was estimated by the Agricultural Gazette that the value of the war gardens' produce amounted to somewhere between 20 and 30 million dollars. This year's production will be two or three times greater than last. On this basis the war gardens of Canada this year have produced anywhere from \$40,000,000 to \$90,000,000 worth of fruit and vegetables. Taking a conservative view of these figures, the war garden production in Canada for 1918 should be worth about \$50,000,000.

It would be a positive shame, if after all the work, time, money and material spent upon these gardens, a large proportion of the crops were allowed to go to waste for lack of distribution to consumers. It is impossible for the family of the war gardener to consume, in many cases, more than a fraction of the vegetables and fruits his garden has produced. Amateur gardeners, in numerous cases have expressed themselves as unwilling to sell their surplus vegetables and fruits not caring to take the position of growing garden truck for money. If such gardeners would forewear their delicacy in this matter, recognizing that these are war times, and the shortage of foods is well nigh world wide, it would avoid a serious danger of waste. Where they can dispose of their surplus, either by sale or by gifts to their less well-situated neighbors, they should take pleasure in doing so. The community is being closely knit by the necessities of war. Food production, food storing, food conservation and food distribution are all patriotic services of the utmost importance to the whole community.

Stores Close at 4 p. m.

Portage la Prairie, Man., understands the importance of saving the wheat crop. Stores close at 4 p. m. during August, and men leave for the harvest fields by 5 o'clock. Three hours of daylight remained. From 200 to 300 men go out every evening and farmers pay at the rate of 30c an an hour.

Sugar Conservation Urgent.

Next to saving the harvest the most urgent food service at the present moment is to save sugar and the Food

RHEUMATISM ARRESTED

Many people suffer with lame muscles and stiffened joints because blood impurities have invaded the system and caused rheumatism.

To arrest rheumatism it is quite as important to improve your general health as to purify your blood, and the cod liver oil in Scott's Emulsion is nature's great blood-maker, while its medicinal nourishment strengthens the organs to expel the impurities and rebuild your strength. Try it.

Scott & Bowne, Toronto, Ont.



Prepare yourself for his place

When He Leaves to Shoulder a Gun

You must be ready to step in and fill his job. The war requires the maintenance of efficient manufacturing and mercantile organizations at home and it is your patriotic duty to do your bit.

You Must Be Trained to Be Ready

You must be able to do what he has done. Business men cannot stop to train you—they have not time—you must be trained when you take hold.

We Are Ready To Train YOU

The Northern Business College with a good staff of experienced instructors will teach you what you need to know—what to do and how to do it. The cost will be very moderate. The fees are no higher than they have been for the past ten years.

College Opens for Fall Term Sept. 2nd

Write for Any Further Information You Wish

Northern Business College

C. A. FLEMING, Principal, OWEN SOUND

USE A HYDRAULIC RAM

Now Recognized As the Cheapest Power for Pumping.

When and How It Is Used—Complete Information Given—Tubercular Cows a Menace to Health—How Tubercular Test Is Made—How It Pays Farmer to Test Cattle and to Discard Reactors.

(Contributed by Ontario Department of Agriculture, Toronto.)

WHERE conditions are suitable for a hydraulic ram it is without question the cheapest and most satisfactory method of pumping water. It has one drawback—it wastes far more water than it pumps to the buildings, and hence can only be installed where the supply is from five to twenty times as great as required at the buildings. The efficiency of the ram is from 65 to 90 per cent., i.e., it uses 65 to 90 per cent. of the energy of the falling water. Suppose the spring supplies 10 gallons per minute and the fall from the spring to the ram is five feet. Multiply these together and then take 65 per cent. of the product, and we have the energy available for driving water to the buildings.

Energy in this case 65-100 x 10 x 5 foot-gallons—22.5 foot-gallons. Now divide this by the height of the buildings above the ram and we have the number of gallons the ram will deliver per minute at the buildings. If, for example, the height is 32.5 feet then

Number of gallons per minute—22.5 divided by 32.5—gallons which is 1-10 of the water supplied by the spring.

Number of gallons per day—80 x 24—1,920 gallons (about 23 barrels). Consequently with five feet of head and 32.5 feet of lift the ram will deliver at the buildings 1-10 of the water in the spring. The quantity that will be delivered with other heads, lifts and spring-downs may be calculated in a similar way.

Generally speaking it is found that for each 10 feet of lift there should be one foot of head, but there is a limit—it is seldom advisable to install rams where the head is less than say two feet, although they have been known to work with as little as 18 inches. The length of drive pipe should not be less than three-quarters of the vertical lift to the buildings, nor less than five times the fall from the spring to the ram. It may however, be longer, but seldom exceeds 50 feet, and 75 feet might be taken as an extreme length for sizes of ram suitable for farm conditions. If too long a drive pipe be used, the extra friction it prevents the water from striking as heavily or as frequently as with a drive pipe just the right length.

The cost of installing a ram is not great. For the smallest size of ram it will run in the neighborhood of \$25 to \$35 and about \$15 extra for each hundred feet between the spring and the buildings. If there were 100 feet apart the total cost would be from \$40 to \$50, but if 200 feet then from \$55 to \$65, and other distances in proportion. The largest size of standard ram can be installed at about \$100 if the ram and pump are 100 feet apart, and \$125 if 200 feet apart.—R. R. Graham, B.S.A., O. A. College, Guelph.

Tuberculosis in Cattle.

One reason why farmers should have their cattle tested for tuberculosis is the financial loss which they suffer by having tubercular animals in their herds. As the disease is at first slow in development and does not induce sudden death, like anthrax, black leg or hog cholera, the farmer does not realize the loss that he endures by having tubercular animals in his herd until one or more animals develop the disease in an advanced degree and die or are slaughtered, when they are at once seen to be rotten with the disease. Such animals will have had the disease a long time without it being suspected and will have been giving off in their milk, saliva and droppings, large numbers of tubercular bacilli. In this way the bacilli are spread around, the food, water and atmosphere in the stable get contaminated with them and other members of the herd contract the disease from these contaminated materials.

The tuberculin test will indicate whether or not an animal is tubercular long before any clinical symptoms are visible, thus enabling one to deal with such an animal before it becomes a dangerous spreader of the disease.

When an animal is shown to be tubercular it should not be allowed to mix with the rest of the herd. When cattle are purchased to add to the herd it should be only when subject to the tuberculin test, as cattle may have every visible indication of good health and yet be tubercular, the disease not yet having developed to an advanced degree.

It is therefore strongly recommended that farmers

- 1st. Have their herds tested for tuberculosis with the tuberculin test.
- 2nd. That they eliminate all animals that have the disease in an advanced degree.
- 3rd. That they separate the cattle that react to the test from those which do not react.
- 4th. That they remove the calves from tubercular mothers as soon as dropped, and feed them on milk from healthy cows or on their mother's milk after it has been properly pasteurized, i.e., after it has been heated to 145 deg. F. for half an hour.
- 5th. That they apply the tuberculin test to every new purchase of cattle that are to be placed in the clean herd.
- 6th. That the herd be tested with tuberculin annually.

Obtaining Tuberculin For the Test.

The manufacture and supply of tuberculin is kept under the Dominion Government control. It is required that a veterinarian be employed by the farmer to make the test.—Prof. Dan. H. Jones, Ontario Agricultural College, Guelph.

HOLSTEIN LEADER

LOCAL AND PERSONAL

Threshing has commenced in this locality and the grain is reported good.

Miss Margaret Brown is visiting with friends in Toronto.

Master Russell Hershey of Mt Forest is visiting his uncle, Mr A. R. Hershey.

Mrs John S. Gordon, of Listowel visited her parents, Mr and Mrs Alex Hamilton, the first of the week, and was accompanied home by Lloyd and Miss Annie Hamilton.

Mr A. E. King, Manager of Bell Telephone Co., Harrison, visited Mr D. P. Coleridge recently.

Mr and Mrs Jno Orchard, London, are guests of Mr and Mrs Orchard here.

Master Donald Yeomans of Mt Forest, is visiting at Mrs Alex Hamilton's.

Among those who went to Durham Monday evening to hear Premier Hearst were Messrs R. Irwin, Dr. Mair and F. Allingham.

A number of our young people attended the Garden Party at Vamey last Friday evening.

In a letter received by his parents the past week, Pte Joseph Bilton says he was blind for three days after he was wounded but had gained his sight again though still weak. We hope to soon learn of his recovery.

Miss Edna Haas returned to Toronto the past week after visiting her parents for a couple of months.

Mr G. P. Leith spent an afternoon recently with his brother David in Norman.

Mr Arch. McKay, a former G. T. Agent here, spent a day the past week with Miss Ross and renewed old acquaintances.

Mrs C. Ramage of Durham, Miss McIntyre of Dundalk, and Miss Enid Coleridge of London, visited at Mr D. P. Coleridge's on Tuesday.

Mr and Mrs John Manary, Miss Ada Manary and Mrs Crewson visited friends at Goldstone the first of the week.

Mrs Petrie returned home on Thursday of last week after enjoying a two months' trip up the Lakes with relatives.

Mr Earl and Miss Edith Dingwall visited friends in Proton on Sunday.

Mrs McElroy of Durham, was a guest of Miss Reta Roberts the first of the week.

DROMORE

The Women's Institute will meet Wednesday, Sept. 4th at the home of Mrs Philp. A good program is being prepared. All ladies are invited to attend.

Mrs Wm Salter and son Edgar, of Toronto, are spending a week with Mr Robt. Renwick.

Miss Florence Renwick, who has been in Toronto and Brussels during the holidays, returned Tuesday.

Mr and Mrs Findlay and Kenneth accompanied Mr and Mrs Alex Drimnie and Norman on a motor trip over the week end. The former visited at Morrison, and the latter with friends in Galt and Hespeler.

Preparations are being made for the Jubilee of Amos Church on Sept. 22nd.

Miss Marion Petty visited at Mrs Jas. Allan's and with Miss Mary Findlay.

Mrs John Manary and children who have been visiting at Mr Wm Brown's returned to their home in Toronto on Monday.

A number from around here took in the Garden Party at Durham on Monday evening and listened to Premier Hearst.

YEOVIL

Best wishes to Mary Ferguson who recently became the bride of R. McPhadden, Mt. Forest.

Rev. Mr and Mrs McCulloch of Carluke, visited Mrs F. Reid last week.

Mr, Mrs and Miss Gillespie of Coleridge and ex-Police Inspector Miller of Toronto, were recent guests at W. Groat's.

Harvey Groat visited Mr and Mrs K. Hanis (nee Miss Mable Storey) on the 6th on Sunday.

Mrs Dickinson returned to her home in Toronto after a few days with her friend, Mrs N. Long.

Mr and Mrs Robt. Wilson (nee Miss Mary Long) are enjoying a vacation at her home here but expect to soon leave for Toronto Exhibition and other points before returning to their home in Midland.

Miss Jessie Whyte is having a month's holiday at home before returning to McDonald Hall, Guelph. Her cousin, Miss Ethel Langdon, of Arthur, accompanied her home.

Mr, Mrs and Miss Nellie Mutch motored to Toronto Monday morning accompanied by Ethel, who had been spending a fortnight at home. Nellie will remain for a week, but Mr and Mrs Mutch intended returning Wednesday, bringing Mrs Mutch's aunt from Galt home with them.

Agnes Evans of Holstein had the misfortune on Saturday to fall off one of Mr Mutch's horses, and break both bones in her right wrist.

On Tuesday the sad news arrived that Pte. R. Walling had died of wounds on August 18th. Dick grew up in our midst, having spent a good part of his life with Mrs J. Reid and was respected by all. The whole community will regret to hear of his death.

TAYLOR & CO., Dromore

Pickling Season

Vinegars We handle the very best quality XXX White Wine and Cedar Vinegar. These are unsurpassed for quality. You are sure of your pickles being No 1 quality when you use XXX.

Spices We have the following: Curry powder, Mace, Turmeric powder, Mustard seed, Whole Ginger, Celery Seed, Black and white pepper, Cayenne pepper, whole mixed Pickling Spice. You will need some of these and perhaps them all.

Sealers All sizes in these and prices right. Also Rubber Rings, No 1 quality which is very important. Also Paraffin Wax to seal the top.

Now we will have Tomatoes and Plums this week. Expect prices to be lower this week. Phone or leave your order and we will deliver if you cannot find time to come. The quality is always the best and the price the lowest.

Phone 15 Ring 2-3 **TAYLOR & CO.**
Store open Wednesday and Saturday Evenings

CANADIAN PACIFIC

Resorts in Ontario

Including:

- BALA (Muskoka Lakes)
- FRENCH RIVER (French and Pickering Rivers)
- POINT AU BARIL (Georgian Bay Resorts)
- BOBAYOEON (Kawartha Lakes)
- SMITH'S FALLS (Hudson Lakes)
- SEVERN RIVER (Gloucester Pool)
- BON ECHO (Lake Mazinaw), Etc.

ARE CONVENIENTLY REACHED BY CANADIAN PACIFIC Summer Tourist Fares in Effect

General Change of Time, July 14, 1918

Particulars from Canadian Pacific Ticket Agents
W. B. HOWARD, Dist. Passenger Agent, Toronto

Summer Resorts in Ontario

The Muskoka Lakes, Point au Baril and Georgian Bay Resorts; French and Pickering Rivers; Rideau Lakes; Severn River; Lake Mazinaw District and Kawartha are conveniently reached via the Canadian Pacific Railway. Particulars from Canadian Pacific Ticket Agents or W. B. Howard.

MAIL CONTRACT

SEALED TENDERS, addressed to the Postmaster General, will be received at Ottawa until noon, on Friday, the Twentieth September 1918, for the conveyance of His Majesty's Mails, on a proposed Contract for four years, six times per week on the route

Holstein Rural Route No. 2, via Dromore from the Postmaster General's pleasure.

Printed notices containing further information as to conditions of proposed contract may be seen and blank forms of tender may be obtained at the Post Offices of Holstein and Dromore, and at the office of the Post Office Inspector, Toronto.

A. SUTHERLAND, Post Office Inspector
Toronto, August 6th 1918.

Great Lakes Steamship Service

Canadian Pacific Steamship "Manitoba" now leaves Owen Sound 10.30 p. m. each Thursday for Sault Ste. Marie, Port Arthur and Fort William. Steamships "Kewatin" and "Assiniboia" will sail from Port McNicoll Wednesdays and Saturdays commencing June 1st.

A Few Specials in the Grocery Line

TEAS—while they last.....Black 60c, Green 55c
SALMON—A few tins only of the "Tip top Brand".... 25c
Other Brands..... 30c and 40c

SOAPS—Laundry bars... 8c Toilet Soaps. 10 & 12c
DRIED PEAS COCOA PORK & BEANS
2 pkgs. 25c 15c and 30c 20c
CAMP. SOUPS SWEET PICKLES PEANUT BUTTER
2 for 35c 40c per qt 15c and 30c

Leave or phone your order for TOMATOES which we expect to arrive within the next two weeks

JOHN M. FINDLAY Dromore
Phone 34-35
Store closes at 6 p. m. except Wed. and Saturday