

Properties For Sale

Wiley Street—One Frame House, 6 Rooms, 1 bathroom, with kitchen addition, 10x20; Good cellar, newly painted outside this spring, decorated inside last year; Lot about 35x90. A snap at \$2,600; terms

Nelson Street—One House, 6 Rooms and bathroom, with kitchen addition, 10x20; good cellar; Lot about 32x132; good value at \$2,500; terms.

Woodland Avenue—2 Frame Houses, 6 Rooms and bathroom with kitchen addition; 10x20, good cellar; Lots about 35x80; well worth the money; \$2,500; terms.

Russell Avenue—One Pebble-dash House; 6 Rooms; 3-piece bathroom; good cellar; hot air furnace, chestnut barn; lot about 33x78. A bargain at \$3,200; terms

Russell Avenue—2 Frame Cottages; 4 Rooms; cheap at \$1,500 each; terms to suit.

FOR PARTICULARS AND TERMS APPLY

The St. Catharines Improvement Corporation, Limited

49 St. Paul Street Phone 1107



The CANDY Cathartic

Cascarets

FOR CONSTIPATION

THEY WORK WHILE YOU SLEEP

Really DELICIOUS

DEPARTMENT SOLDIERS' CIVIL RE-ESTABLISHMENT

It is notified for the information of men discharged from the Canadian Expeditionary Force who require Medical Treatment that

DR. J. SHEAHAN

will act as Medical Representative of the Department Soldiers' Civil Re-Establishment in and for the

City of St. Catharines

English Health Salts

Large Cans 35c

Camphor Flakes

Pound Packages 25c

Moth Balls

Per Pound 30c

Water Glass

Per Pound Can 18c; 2 Lbs. 35c

WALKER'S EAST DRUG STORE
297 ST. PAUL STREET

OF INTEREST TO THE MUSIC TEACHER

A teacher should always be on the alert to increase his knowledge of attractive teaching material. One of the best ways to do this is to form the habit of attending recitals of well known teachers and conservatories. Mark down on the program the compositions which appeal to you, make a note of the approximate ages of the children that played them (this will help you to compare the ability of your own pupils of that age with the performer and observe how each number is received by the audience. Then order the selected list from your publisher and add them to your teaching repertoire. Type or write the titles and composers of all the pieces you have found satisfactory in a loose leafed notebook, divided into several sections for the different grades. This is very convenient, as new sheets can be added as your available list grows.

COUNTRY PRODUCE WHOLESALE

TORONTO, June 7.—The consensus of opinion amongst wholesale produce houses seems to be that these quotations may decline early in the week. Prices at Montreal have already dropped and Toronto's prices are likely to follow the same trend. Eggs and other quotations were unchanged at the week-end, but some of the dealers were quite sure that a decline in eggs would be brought about shortly.

Eggs—New-laid, cases returnable 40c to 00 Butter—Creamery, solids 51 1/2 to 52c do prints 52c to 52 1/2c Live Poultry—Buying price delivered, Toronto: Hens, 4 1/2 lbs. 32c to 00c 32c to 00c Hens, 4 1/2 and over 3c to 00c 35c to 00c Spring chick—ens. 50c to 00c 55c to 00c Roosters 25c to 00c 30c to 00c Ducklings 35c to 00c 38c to 00c Turkeys 30c to 00c 35c to 00c Honey—Bulk, clover, 25c to 26c per pound; do buckwheat, 20c to 21c. Wholesale prices to the retail trade: Eggs, new-laid 51c to 52c Select 54c to 55c Butter—Creamery prints 55c to 56c Choice dairy prints 47c to 48c Ordinary dairy prints 42c to 43c Bakers 30c to 33c Mcmargarine (best) 35c to 37c Cheese—New, large, 23c to 23 1/2c Maple Syrup—Per gal. tin, \$2.40 per gallon; do in one-gal. tins, \$2.50. Beans—Canadian, per bushel, \$3 to \$4.25; Burmas, \$3.50; Limas, per lb.

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 or hog cholera, the farmer does not realize the loss that he endures by having tuberculosis in his herd until one or more animals develop the disease in an advanced stage 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 air, water and atmosphere in the stable get contaminated with them and other members of the herd contract the disease from these contaminated materials, 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.

ADVERTISE IN THE JOURNAL

KING GEORGE THEATRE

TO-DAY and TUESDAY ALICE JOYCE

In the Six Act Super Feature "The Lion and The Mouse"

A Screen Adaptation of the Famous Stage Success by the late Chas. Klein

GIRLIES AND GRUBBERS

The Special Vitagraph Two-Reel Comedies

THE STRAND COMEDIES

British-Canadian News Mat. 10c; Eve. 15c and 10c

GRAND TRUNK RAILWAY SYSTEM

Double Track Route

Between Montreal, Toronto, Detroit and Chicago

Unexcelled Dining Car Service

Sleeping Cars on night trains and Parlor Cars on principal day trains.

Full information from Grand Trunk Ticket Agent, or C. E. Horning, District Passenger Agent, Toronto, Ont.

C. J. HARRIS, Agent 106 St. Paul Street Phone 847

Wook's Cotton Root Compound

A safe, reliable, and effective medicine. Sold in three degrees of strength—No. 1, \$1.00; No. 2, \$1.50; No. 3, \$2.00 per box. Sent by all druggists, or by mail on receipt of price. Free pamphlet. Address: THE COOK MEDICINE CO., TORONTO, ONT. (Solely Mailed)

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—Why It Pays Farmer to Test Cattle and to Discard Reactors.

(Contributed by Ontario Department of Agriculture, Toronto.)

WHERE conditions are suitable for an 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 is 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 = 650 foot-gallons—32.5 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—32.5 divided by 32.5—1 gallon, which is 1-10 of the water applied by the supposed spring.

Number of gallons per day—60 x 24 = 1,400 gallons (about 29 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-slows 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 60 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 in it prevents the water from striking as heavily or as frequently as with a drive pipe just the right length.

The best 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 10 feet of head between the spring and the ram. Thus if they were 100 feet apart the total cost would be from \$40 to \$50, but if 200 feet then from \$55 to \$65, and if 300 feet from \$70 to \$80. 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. H. Gray, 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 or hog cholera, the farmer does not realize the loss that he endures by having tuberculosis in his herd until one or more animals develop the disease in an advanced stage 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 air, water and atmosphere in the stable get contaminated with them and other members of the herd contract the disease from these contaminated materials, 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 slaughter the 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.

WANTED—Three returned soldiers as salesmen to travel through Western Ontario. Experience unnecessary. Apply to G. Wilson 11 Salina Street.

EMPRESS'S WAR RECORD



(1) Captain Geo. S. Webster, R.N.A., of the "Empress of Britain." (2) Arthur E. Philp, Chief Engineer of the "Empress of Britain." (3) Six inch gun crew standing by the gun on the "Empress of Britain," at right Chief Officer F. H. Moore, who gave the gunners the range.

THE "Empress of Britain," which sailed from New York on Sunday afternoon with 1600 soldiers of the British War Mission, V.M.C.A. and Knights of Columbus workers, has already covered 173,130 miles since the outbreak of hostilities, when she was taken over by the British Government and has transported 110,000 troops overseas. She took thousands of Australians and Britishers to Gallipoli, and was one of the transports assigned to take them away. The Suez Canal, being closed, she made a 16 month trip around the Cape of Good Hope with troops for German East Africa and also for Mesopotamia. She made eight trips with Canadian troops and for the first seven months of the war, patrolled the South Atlantic as an admiralty cruiser.

It was during one of the trips across the Atlantic with 6,000 troops

aboard, that a German submarine launched two torpedoes, one of which, due to a lucky zig-zag, missed the bow by three feet, and the other passed a dozen feet astern. At least a dozen attacks were made upon the "Empress of Britain" during the war, by U-boats.

Captain George S. Webster, R.N.R., who is the present commander of the "Empress of Britain," has made 37 trips across the Atlantic since the outbreak of the war. When the "Empress of Britain" reached New York last Tuesday, she had aboard 2,450 H. S. troops, including 400 sick and wounded heroes, and she is returning to Liverpool for more. When this work of repatriating H. S. troops is finished, she will return to her home port, St. John, New Brunswick.

During the war, the C. F. O. S. ships have transported over a million troops and passengers on war busi-

ness. Only eight soldiers were lost by enemy action. The "Empress of Russia," now in Liverpool, will take troops to Australia, and then return to her regular route across the Pacific from Vancouver to ports in the far east. The "Empress of Asia" will go back to Vancouver through the Panama Canal with Canadian troops enlisted in British Columbia.

Arthur Edward Philp, O.B.E., Chief Engineer of the "Empress of Britain" and Senior Chief Engineer of the Canadian Pacific Ocean Services, Ltd., has been on the "Empress" throughout the war and has never missed a day. He was personally decorated by King George for his services and is an Officer of the Order of the British Empire. His services on transport cover four wars, the Benin and Ashanti expedition, the South African war, and the present war. His fellow officers call him "Pa."

FOR SALE—GENERAL BLACK-

Smithing and Carriage Repair Business well situated, work for two blacksmiths. Owner wishes to retire. Address Chas. Grassie, of Smithville.

WANTED—THE W. E. SANFORD Mfg. Co., Hamilton, requires the services of Girls, operators and handworkers, experienced or beginners. Good wages and short hours. j 5 6 7

ADVERTISE IN THE JOURNAL

Tires! Tires! Tires!

Single Tires at Wholesale Prices. The Cheapest Tires Ever Sold in the City.

We buy 30-3 1/2 Plain \$14.50; Non-Skid \$17.00 32-3 1/2 Plain 18.50; Non-Skid 20.00 34-4 Plain 24.50; Non-Skid 26.00 32-4 Plain 25.50; Non-Skid 27.50 33-4 Plain 26.50; Non-Skid 29.00 33-4 Plain 28.00; Non-Skid 30.00 34-4 1/2 Plain 34.00; Non-Skid 37.00 Sizes to 37 x 5 at Cut Rate Prices

Every Tire Bears the Manufacturer's Name and Serial Number

St. Catharines Tire Co. - - 42 Geneva St.

The Wide Outdoors

pure health-giving air and miles of beautiful surrounding country are yours for the asking, if you own a car. Of course, you want the tires kept up in good condition and don't want to entrust them to bungling amateurs. That's why you'll be interested when you meet with a puncture, but our other tire troubles in our work in

Vulcanizing

We have ample facilities for vulcanizing tires and tubes. The latest machinery, tools and equipment, backed by fifteen years' experience in the tire industry, place us in a position to give you the very best results.

Phelan's Vulcanizing Works

Rubber Tires For All Vehicles Tire Repairing of All Kinds Opp. Glen Ridge Bridge We Sell Tires of All Makes 20 St. Paul St. W. Phone 734 House Phone 732 FREE AIR AT YOUR SERVICE

FORECASTS—North

Fine, Wednesday— cooler unsettled and

ESTABLISHED 185

TWO HUNDRED

Expected That Technical Pulp and Paper Manufacturers Will Motor Down Thorold.

MAYOR PROPOSES RE

Although it was not today for certain that the direct delegates comprising technical association of the Paper industries of the U.S. would come to St. Catharines being taken by the Mayor, it is possible, even when they arrive here on Friday afternoon. It is not that they will motor down, old and go through the Kitley Mills but just what time get here is not certain.

Up to the present, time arrangements have been entirely in the hands of the Thorold Board which is planning quite a reception. The manufacturer town assisted by the Board have outlined a considerable of sight seeing and entertainment.

Details of Program

It is planned to meet at the New York Central Niagara Falls, N.Y., with motors to accommodate the and the first stop will be at the Electric Power Canal construction. Upon arrival the visitors will be given an opportunity to view the work on the New Welland after which the principal of the district will be visited. A luncheon will be served in Grenville Hall. The far as the Kitley Mills arrives will be completed, gates will then be taken, Falls, N.Y., where they will be taken to their respective cars.

Even though their visit, it is possible that they will be given a brief civic reception. It is possible to carry out this visit. St. Catharines has many of them such as is an automobile ride about streets and a welcome visit to a place in the memory of visitors who are associated with large paper and pulp in the other side of the line.

FELL FROM LADDER WORKMAN WA

Post Mortem Held Over Austrian at Queen

The jury which accords one Dr. Jory and high Boyle to Niagara Falls is investigating the death of Joe (Austrian), who was killed down on Monday morning last.

Robert Widdicombe, F.O.N. Lindsay, Robert F. Dwyer, P. G. Wilson, A. W. H. Drysdale and Thorold. While going up a ladder to erect an elevator which encircling concrete, etc., he fell backward into the elevator result that he was killed. After a post mortem held the jury adjourned to meet Thursday night.

HUGE CROWDS GO TO SEE TH

The Sparks Brothers show was held on Monday evening was well attended under the leadership of Phillips rendered a splendid before each performance very much enjoyed. The show several special car Grand Trunk line, and carried 1350 passengers afternoon, and evening. The side shows were sized, more especially by at the afternoon performance animals were at their caused much attraction the bareback riding, etc.

GIVES UP HOUSING

Ingersoll Abandons Section to the General U. INGERSOLL, June 10, the general unrest in the Ingersoll Commission has project to build 50 houses had been secured drawn.