

# The BUSY STORE

## The Skating Season IS ON

Are You Ready for It?  
We are Ready for You

Jazz Flannels take the lead, and you need so little. Just think—lovely shades, 58 in. wide, only \$2.50 per yard.

All-Wool Serges are always good for service. These we have in several shades to choose from. 40 in. wide, at pre-war prices—85c per yard.

How about a Cap or Scarf? We have them both for boys or girls and they are beauties.

The boy may need a Sweater—our range is complete. Our Pullovers are with rolling collar or V neck—just what they have been looking for.

Warm Mitts, Gloves and Hosiery are necessary. Our lines are complete in these and sure to please.

## Special!

**On Boys' Overcoats.** These are in all sizes, of Heavy All-Wool Tweed, lined through out, at greatly reduced prices. If you need one don't fail to see these.

**MILLER BROS.**  
Phone 28

## Sharples Tubular Cream Separators and Singer Sewing Machines

I beg to announce that I have accepted the agency for the above machines for this district and will be pleased to receive a call from intending purchasers.

**WM. HOSKIN, R. R. 4, JARVIS**

## The CASH HARDWARE

Stock-Taking  
This Week

Watch this space for  
next Change of Ad.

**E. T. CARTER**

JARVIS

Phone 19

ONT.

## THE FARM CISTERN

A Good Supply of Soft Water a Household Boon.

The Farmer's Wife and Daughter Will Appreciate It—Location of the Cistern—Advice Given for Local Installation.

(Contributed by Ontario Department of Agriculture, Toronto.)

Lucky indeed is the farmer who can boast of a never-failing supply of pure and fresh water from well or spring on his premises. Its value cannot be reckoned up in dollars and cents. Another source of water supply on the farm is the rain water caught on the roofs of the buildings and stored in large underground tanks, called cisterns. It is commonly called soft water in contrast to the hard water of wells and springs.

A Supply of Soft Water a Boon.

Every housewife who is fortunate enough to have a plentiful supply of soft water for washing dishes, clothes and woodwork, and for use in the bath, knows well how much superior it is to hard water. It saves a lot of soap, and the operations are more easily carried out and the results more satisfactory. This valuable supply of water comes down from the clouds in fairly copious amounts month by month, and costs nothing except a small outlay, probably \$150, once in a lifetime for cave-troughing and a storage tank or cistern.

Over Ontario the average rainfall from April to December is about 2 1/2 inches per month, and if all the buildings of an average-sized farm were provided with cave-troughing, no less than four barrels of water per day on the average over the whole year would be collected. This quantity of water will serve efficiently a family of six living in a home equipped with modern plumbing fixtures. The only draw on the well, or hard water supply would be the amount required for drinking and cooking purposes.

A Good Cistern a Necessity.

To safeguard against a shortage of soft water in times of drought and during the winter season when rains are scarce, the cistern should be large enough to hold a two or three months' supply. This would require a storage tank at the very least 10 feet square and 10 feet deep, or its equivalent in different dimensions, or two smaller tanks having together this capacity. It is well to remember that the tank built in the cubical form, say 10x10x10, is more economical than one of the same size but oblong in form (6 2/3x15x10) for example. The cylinder form takes even less material than the cubical, but it may be a little slower and harder to build. Sometimes the bottle form is constructed. Either the cylindrical or bottle type is usually built of brick laid in a rich concrete mortar and finally well coated on the inside with a rich mixture of cement, preferably super cement, and fine sand. The 10x10x10 size will hold 6,250 Imperial gallons, or approximately 200 barrels in U.S.A. gallons the capacity would be 1-1/2 more, or 7,500 gallons. To build the cube-shaped cistern (10x10x10) it would require 12 cu. yds. of concrete, the walls bottom and top being six inches thick. Using a 1-6 mixture it would take approximately 18 barrels of cement and 15 loads of gravel. For the cylindrical shape it would take about 11 cu. yds. of material, and for the oblong shape (6 2/3x15x10) about 13 cu. yds. With a knowledge of local prices of material and labor, it would be an easy matter to estimate the cost of a 6,000 to 7,000 gallon cistern.

The Location of the Cistern.

The house cistern may be located in the cellar, or outside underground, according to conditions. If the cellar be large and provided with good drainage for the overflow of the cistern, there can be no serious objection to having the cistern in the cellar. If the roof of the house is not large enough to collect sufficient rain water for the water service of the home, the roofs of barns and other buildings may be connected up to another cistern at these buildings and the two cisterns connected for joint service if necessary. In this case probably the best arrangement would be to build one very large underground tank, 12, or 15 feet square and 10 feet deep, at a point where rain water from both house and barns would gravitate and collect. Between the barns and this cistern it would be advisable to build a settling basin to intercept dirt from roofs. The water system would be connected to this large cistern to supply the house or barn as required. The same water system could be used to supply the house or barn with the water from the well or other source used for drinking and cooking purposes.

In building a cistern do not make the serious mistake of making it too small. Then install some form of water system in order to have the soft water, both hot and cold, on tap throughout the house. In subsequent articles I will describe various types of water systems for the farm home.

The Department of Physics, O.A.C., Guelph, Ont., is prepared to advise you without charge regarding installation of water systems, plumbing, sewage disposal, etc.—R. R. Graham, O. A. College, Guelph.

Every farm and country home should feed itself, and to do this it is necessary for each family to grow garden vegetables and small fruits. All corn cribs and grain bins should be carefully inspected to see that they are rat and mouse proof. A concrete foundation for storage buildings is advisable whenever it is practicable.

Mrs. Macpherson, wife of H. S. Macpherson, public school principal in Simcoe, died at her home on Thursday evening about seven o'clock after a long illness. Deceased had many months ago suffered the amputation of one arm to prevent the development of an otherwise uncontrollable disease, and had for a time made progress to partial recovery. Lately her decline has been gradual. The late Mrs. Macpherson was most highly esteemed in Simcoe.

The Ontario Legislature will meet on February 14th. The opening will be three weeks later than that of last year.

## Church Services

**Knox Presbyterian—**  
REV. A. W. HARE, B. A., MINISTER  
11 a.m.—"God Over All."  
7 p.m.—"The Eternal Question."

Y. P. S. Friday at 8 p.m. Subject, "Christian Principles in Buying and Selling." Leader, Rev. A. W. Hare. Social evening.

Social evening Knox church on Friday. Silver collection of 10 cents.

Choir practice Friday at 9 p.m. You are cordially invited to these services.

**Wesley Methodist—**  
REV. E. SMITHERMAN, Pastor.  
The W. M. S. meets every third Tuesday of the month.  
All are welcome.

**Garret Methodist—**  
1.30 p.m.—Sunday School  
Epworth League and Prayer Meeting on Friday evening at 7 p.m.

**St. Paul's Anglican—**  
REV. G. R. WREFORD, Rector  
11 a.m.—"A Spirit Filled Man."  
7 p.m.—"A Day in Jacob's Life."

Monday 4.30 p.m.—Junior Auxiliary.  
Tuesday 2.30 p.m.—Women's Auxiliary.

Friday 8 p.m.—Meeting for Prayer and Bible Study.  
All are cordially invited.

## Everybody's Column

25 words or under, 25c. per insertion. Each additional word, 1c.

**For Sale—**Pure-bred Tamworth pigs, both sexes, six weeks old. Apply to A. R. Smith, R. R. 3, Waterford. Phone 16-43.

**For Sale—**6 h. p. farm engine, gas or gasoline. Just been rebuilt. \$175, cash or terms. Maple Leaf Co., Port Dover.

**House For Sale—**10 room brick house, electric light, gas heating, large veranda, central location, large garden, barn 28 x 35; lot 30 feet frontage. Price reasonable. Apply to J. Lamb, Port Dover.

**For Sale—**Two Tamworth brood sows, due latter part of March; also several pure-bred sows three months old. Geo. O. Miller, R. R. 4, Jarvis.

**For Sale—**Joseph Pontiac O'Donnell. This bull ready for service; well marked, superior in every detail. Good buy if you want a Holstein herd sire, cheap. Earl Marr, 7 ring 26, Jarvis.

**For Sale—**A year-old pure-bred Short-horn bull, winner of Diploma at Jarvis Fair; and heifers all ages, from sire by imported stock. Also set light double harness. Robt. Wilson, R. R. No. 1, Jarvis.

**Men Wanted—**There is always a demand for automobile and tractor mechanics and drivers. We teach you so that you can drive and repair all makes of cars and tractors. We can arrange your board. Full particulars can be had by writing St. Catharines Auto School, 12 Ontario Street, St. Catharines, Ont.

## Poultry Wanted

All kinds of Live Poultry Wanted to be delivered every Tuesday morning at the premises of the undersigned.

**GUS WEIL, Jarvis**

## HARRIS' BUTCHER SHOP

Choicest Fresh and Cured Meats and Poultry

We aim to please our Customers.

All Orders promptly attended to.

**THOS. HARRIS**  
Main St., JARVIS

## The Montreal House THE PLACE OF QUALITY.

We have a Good Assortment of the following goods at

# Greatly Reduced Prices

Ladies' Cap and Scarf Sets  
Watson's Underwear for Ladies and Children.  
Shirts and Drawers for Men and Boys.  
Sweaters and Pullovers for Ladies, Men and Boys.  
Ladies' Gloves and Mitts in Silk, Wool and Union.  
Boys' Cauntlets and Gloves.  
Men's Leather Mitts in great variety.  
Men's Mocha Gloves.  
Men's Wool Mitts (hank knit).

## Fresh Groceries

**J. A. BURWASH**  
JARVIS

## School Supplies

AND ALL KINDS OF STATIONERY AT THE

**Record Stationery Store**

# FURNITURE

You are invited to inspect our display of living, library and dining room furniture. The mere sight of it suggests what an ideal home looks like.

Come and you'll see the finest array of suites and separate pieces ever shown here. If you have a furniture need surely you can fill it satisfactorily from our exhibit.

**IVAN W. HOLMES**  
JARVIS