

# The Waterdown Review

THE BIGGEST LITTLE PAPER IN ONTARIO

VOL. 5.

WATERDOWN, ONTARIO, THURSDAY, SEPTEMBER 28, 1922

NO. 21.

## Grace Church

REV. H. J. LEAKE, M. A., Rector  
16th Sunday after Trinity  
11 a. m.—Prayer for Protection  
7 p. m.—Folly of Unbelief  
Sunday School and Bible classes  
10 a. m.

## Knox Church

REV. J. F. WEDDERBURN, B. A., B. D., Minister  
11 a. m.—Address in the interests of the Upper Canada Bible Society. Subject: "The Bible"  
7 p. m.—Walking without Fainting  
Sunday School and Bible Classes at 9.45 a. m.

## Methodist Church

REV. C. L. POOLE, B. D., Pastor  
Services at 11 a. m. and 7 p. m.  
10 a. m. Sunday School and Bible classes.  
The Y. P. S. meets on Monday evening at 8 o'clock.  
Prayer Service on Thursday evening at 8 o'clock.

## Voters' List Court

NOTICE is hereby given that a Court will be held pursuant to the Ontario Voters' List Act by his Honor the Judge of the County Court of the County of Wentworth in the Township Hall, Waterdown on Monday, October 16th, 1922 at 11.15 o'clock in the forenoon, to hear and determine complaints of errors and omissions in the Voters' List of the Municipality of Waterdown for the year 1922.

L. J. MULLOCK  
Clerk of Said Municipality

## Freelton Fair, Oct. 4-5



### Suppose This Were YOUR Home!

Carefully consider fire protection when you build or remodel your home.

Every waking and sleeping moment you and your family spend in an inflammable house you risk your lives.

Build for safety by using Gypsum Board and Gypsum Plaster.

Then all your partitions and ceilings will be made of material that can't burn—Gypsum.

Tight joints, no cracks or crevices, air-space insulation between walls (all features of this type of construction), positively prevent the spread of heat and flames.

Added advantages of Gypsum Board and Plaster are their sanitary and sound-proof qualities.

Ask for the Gypsum Board booklet—it's free.

For Sale By  
**HENRY SLATER, Waterdown**

## Presentation to Manager Lovejoy

Last Tuesday evening the Waterdown Junior Ball Team paraded their forces and marched to the home of their manager, Mr. A. J. Lovejoy, and took him by surprise with a frontal attack. After introducing themselves they were invited into the parlor, where (Lefty) Clifford Reid in a neat address thanked the manager for his efforts in their behalf, after which Walter Ribson presented Mr. Lovejoy with a beautiful watch chain engraved with the words "Presented to A. J. Lovejoy from the Waterdown Juniors 1922". After the presentation the boys, on the invitation of their host and hostess, Mr. and Mrs. Lovejoy, spent a very enjoyable time with cards and music and ended up with a splendid lunch served by the hostess, Mrs. Lovejoy, and daughter Grace.

## Women's Institute

The October meeting of the Waterdown Women's Institute will be held at the home of Mrs. E. T. Sawell on Wednesday afternoon, October 4th at 2.30 o'clock. The District President, Mrs. Pirie of Dundas, will be present and address the meeting. A paper on "Appreciating Grandfather and Grandmother," by Mrs. Walker Drummond, and one on "Laws Relating to Public Health" by Dr. D. A. Hopper will be given. Music committee, Miss Forbes and Mrs. Richards.

Miss Olive Sinclair was awarded the 1st prize in public speaking at the County School Fair held at Ancaster on Wednesday of this week, and Miss Jean Baker the 4th prize.



REV. H. J. LEAKE, M. A.

Rector of Grace Church, Waterdown, who will, with his wife and two daughters, spend the winter in Florida.

### To the Members of Grace Church:

During your Rector's absence there will be many College Professors and neighboring clergymen in Grace Church. On the first Sunday in each month Rev. Dr. Seager, Provost of Trinity University, Toronto, and Rev. Professors Cosgrove, Morris and Kingston. For the last Sunday in each month Rev. S. Bennetts will officiate in the morning, and the following clergymen at 3 p. m., Ven. Archdeacon MacIntosh and Revs. G. W. Tebbs, Henry Roche, J. P. Robertson, the Rt. Rev. Bishop Clark and Harold Leake. As the time of these various special services approaches due notice will be given. Once in each month Mr. Leake hopes to write a letter in the Review from Florida. This paper will be sent to all non-subscribers.

Rev. S. Childs, M. A., of Trinity University, will officiate Sunday, October 15th at 11 a. m. and 7 p. m. He will speak on Religious Education. This subject is of vital importance to Canada. We need a steady flow of religiously inclined graduates who will be creditable to any community. These men and women should by education and refined christian character be able to elevate and mould public opinion. In the hurry of business and anxiety to make money, men, for themselves and their fellows, are apt to think only of material things. We should never forget the needs of the mind and the soul. We need the Christian culture. We need more real ladies and gentlemen. Refinement and the sweeter qualities of our human nature make for more steady contentment. We acquire a spirit of generosity and due consideration for the well-being of our fellow-men.

New voices will deal with these and kindred subjects in Grace Church with a new enthusiasm and from new and different view points. Your Rector desires his congregation and all our sympathisers to derive as much benefit from these special services as may be possible. News of the success of this effort reaching me in Florida will, I hope, be very cheering and be a great assistance to complete a healthful and profitable vacation.

Your faithful friend and pastor,

H. J. LEAKE.

## Greenville

Mrs. J. McK. Morden and Mrs. MacFarlane are spending a few days in Hamilton this week.

Mr. and Mrs. Maxwell Walker visited in Mt. Albert over Sunday.

Mr. and Mrs. Butler of Chicago have been calling on friends here.

Miss Cora Tunis is spending her holidays in Ottawa.

Christ Church held their Harvest Home services last Sunday and the following Monday evening.

Mr. and Mrs. Andrew Green of Portland, Oregon, are visiting Mr. Green's sister, Mrs. T. Morden.

Mr. J. Slater of Toronto spent the week end here.

Mr. John Stutt of Ancaster spent the week end at Mrs. J. Stutt's.

## Flamboro Centre

The Baseball Tournament held here last Saturday afternoon was a grand success. In the first game Flamboro Centre defeated Millgrove 4 to 2, and Carlisle winning over Waterdown 6 to 4. In the play-off Flamboro Centre defeated Carlisle 3 to 2.

## Locals

Mr. and Mrs. W. Ford of Milton were Sunday guests of Mrs. E. T. Sawell.

Mr. and Mrs. John Smiley are visiting friends and relatives in Detroit this week.

The ladies of Knox Church intend holding a bazaar on Wednesday afternoon and evening of October 25th.

Mrs. Wm. Lowms of Toronto is spending a few days this week with her parents, Mr. and Mrs. E. Sawell.

Mr. B. Batchelor and family are moving to Echo Place near Brantford, where he will establish a Drug store.

Mrs. Ferdinand Slater entertained a number of her Waterdown friends on Wednesday afternoon at her home in Hamilton.

Mrs. Nelson and Miss Drummond and Mr. Nelson, of Kincardine, spent the week end at the home of Mr. and Mrs. Wm. A. Drummond, Dundas street.

Rev. and Mrs. H. J. Leake and daughters Laura and Doris, are leaving next Tuesday afternoon for St. Petersburg, Florida where they will spend the winter.

## High School Field Day

The second annual Field Day of Waterdown High School will be held on the school grounds Friday, October 6th, commencing at 1.30 p. m. sharp. Last year the merchants and others contributed liberally towards the prizes by donating articles from stock and in cash, the generosity being greatly appreciated. This year it is proposed to purchase a large shield upon which will appear the names of the winners of the championships for the next few years. This will cost considerable and therefore they will be grateful for any cash donations that the merchants, business men and others might care to give.

The events will take place in the order given below. Girls' and boys' events taking place concurrently.

### CHAMPIONSHIP EVENTS

#### Boys

- 100 yard Dash, senior
- 100 yard Dash, junior
- High Jump, senior
- High Jump, junior
- Final of 100 yards if necessary.
- Running Broad Jump, senior
- Running Broad Jump, junior
- 220 yard Dash, senior
- 220 yard Dash, junior
- Broad Jump, senior
- Broad Jump, junior
- Hurdle Race, senior
- Hurdle Race, junior
- Hop, Step and Jump, senior
- Hop, Step and Jump, junior

#### Girls

- 75 yard Dash
- Running Broad Jump
- Potato Race
- Standing Broad Jump
- 100 yard Walking Race
- Hop, Step and Jump
- Ball Throwing

### Events Open to High School Pupils of any age

#### Boys

- Three-legged Race
- Tub Race
- Relay Race
- Obstacle Race
- Tug-of-War

#### Girls

- Three-legged Race
- Slow Bicycle Race
- Obstacle Race
- Relay Race

Quite a number of Waterdownites attended the annual Fall Fair at Ancaster last Wednesday.

## Millgrove

The Harvest Home services held here last Sunday was very well attended. Rev. Mr. Hendershot of Carlisle preached excellent sermons both morning and evening. Special music was furnished by the Freelton choir and was well received.

Masonic services will be held in the Methodist church here Sunday afternoon at 3 o'clock. Music will be furnished by the Waterdown Methodist choir.

Rally Day will be held this coming Sunday.

Miss Coulter has returned after visiting at St. Thomas and other points.

Mr. and Mrs. Ed. Cummins have the sympathy of the entire neighborhood in the loss of their boy, whose death occurred at the Hamilton hospital last Monday.

### THE WATERDOWN REVIEW

Issued Every Thursday morning from the office, Dundas Street, Waterdown

G. H. GREENE  
Editor and Publisher  
Member C. W. N. A.

#### Financial Statement

##### Of the Waterdown and East Flamboro Poultry Association

The following report to the Government is for the year ending Feb. 13th, 1922. Deficit from last year \$2.02.

Receipts	
Membership Fees	\$ 69 50
Cash Donations	23 00
County Grant	25 00
East Flamboro Grant	25 00
Waterdown Grant	25 00
Government Grant	127 50
Entry Fees	24 30
Sale of Eggs	1 00
Sale of Goods	4 40
Advertising in Prize Lift	37 00
<b>Total</b>	<b>\$411 70</b>
Expenditure	
Deficit from last year	\$ 2 02
Rent of Hall	15 00
Rent of Coops	36 62
Judges' Expenses	17 75
Salary of Secretary-Treas.	25 00
Salary of Supt. and Assts.	10 00
Cash Prizes, Utility classes	144 14
Prizes, Bantams Pigeons, etc.	39 50
Printing	56 00
Advertising	11 76
Postage and Stationery	7 14
100 Cups for coops	15 00
Light	3 67
Freight	1 54
Teaming	10 00
Feed	11 25
Wiring for lights	1 35
Two small Silver Cups	7 50
<b>Total</b>	<b>\$414 14</b>
<b>Deficit</b>	<b>\$2 44</b>

WM. H. REID, Treasurer.  
J. J. Green, W. J. Carter, Auditors

#### Mountsburg

Silo filling is the order of the day around this vicinity.

Mr. Emanuel Mount has gone to the city for the week end and intends taking in the dog show.

Mr. Garnet Woolsey returns this week to Toronto to complete his last year training at the Medical University there.

The Misses Hannah and Janet Mount are spending their holidays in Detroit with their sister, Mrs. Marsey.

A large number from here attended the school fair at Carlisle last Thursday.

Mrs. T. S. Nicholson of Hamilton is the guest of her son, T. Nicholson and family.

Mrs. Fred Ryerson and little daughter spent last week in Hamilton visiting friends.

Mrs. John Hanson left here last Wednesday for her new home at Rockwood.

Mr. Frank Mount of Hamilton spent the week end at his home here.

Anniversary services will be held in the Methodist Church on Sunday October 1st.

Mrs. J. Wingrove intends leaving for Toronto where she will spend a week with her son.

#### High Grade Wheat

Wheat of an extraordinary high grade has been grown by Vernon C. Thomas of Mt. Nemo. The wheat, which is of the Red Classan variety, tested 63, which is the highest quality noted this year in this district. The yield will be about 35 bushel to the acre.

### Roofing and Siding

Galvanized Corrugated Iron \$3.50 per 100 square feet, freight paid

This is waterstained stock which is suitable for shed roofs and other cheap buildings.

#### Vulcanite Roofing

In the famous Hexagon Slab Shingle, or in rolls. Two colors to choose from, red or green. Now offered for sale for the first time in Waterdown by

### W. H. REID

Waterdown

Ontario

### When in Town

Visit

#### "Our Home" Tea Room and Shop

And ask for a dish of

#### P. M. C. Ice Cream

The best ice cream made. We sell it. Also groceries, candies, stationery and school supplies.

Buttermilk, tea, coffee or cocoa and light refreshments.

#### W. G. Spence

Phone 121

Mill Street

Waterdown

#### J. S. S. Mitchell

Teacher of Pianoforte

Phone 17-3

Waterdown

Ontario

#### For Sale

Fresh Milch Cow. Phone 14 ring 13.

#### For Sale

4 White Wyandotte hens 1 yr. old, also walnut rocking chair, armchair and settee, 1 Quebec heater large size, and 1 wheelbarrow, new. Mrs. Newstead.

#### For Sale

Two Horses, 1400 lbs each, will sell one or both cheap. Phone 36 ring 4.

#### For Sale

No. 9 Souvenir Range, coal or wood, in good condition, cheap for cash. Fred McMonies.

#### For Sale or Rent

Property on Dundas street with house and barn. Apply to R. Geddings, 193 York St., Hamilton or H. W. Park, Waterdown.

#### For Rent

New Building on Dundas street suitable for Drug store or any other kind of business. Apply to A. Hemingway.

#### For Sale

Chevrolet Touring Car 1919-490 in perfect condition. Cheap for cash. Springer's Garage.

#### For Sale

Registered Holstein Cow due in Sept. also a few sacks of Binder twine. A. C. Sinclair, Waterdown.

The Family Herald and Weekly Star and Waterdown Review 1 year for \$2. Send subscription to Review office today.

#### Dr. R. B. GILLRIE

Office: Dundas Street  
Phone 111

Waterdown Ont.

#### J. C. MEDLAR

Issuer of Marriage Licenses

Waterdown, Ont.

#### 16 Hens \$16

16 White Leghorn Hens mostly moulted and laying again, bargain for quick sale. H. J. Leake.

#### Lost

Spare Ames-Holden tire, rim and cover between Aldershot and Waterdown on Sept. 10th. \$5.00 reward at Review office.

#### For Sale

Burrow, Stewart & Milne Feeder with oven, also 1 Magnet Cream Separator. C. H. Brigger.

#### For Sale

Victrola and 30 records good as new. Geo. Briggs, care of Roy Willis.

#### For Rent

2 good Houses by the month. Apply to W. G. Horning.

#### Wanted

A small house or 4 unfurnished rooms. Apply at Review Office.

#### For Sale

Covered Wagon, 4 Horse Collars and 2 Neckyokes. Apply to Mrs. A. L. Featherston.

#### C. C. M.

Cleveland Bicycles, the world's best, and other makes. Repairs and accessories.

FOR SALE—3 Motorcycles and side car. New Flashlights, Batteries and Lamps, Mouth-organs, Cartridges, Gun Cleaners, Watches. Lots of second-hand Bicycles, call and look them over.

Repairing of all kinds, Motorcycles, Bicycles, Gramophones, Cameras, Revolvers. Baby Carriages re-tired. Tools sharpened, Keys made, etc.

C. S. McCready

Waterdown

Ontario

#### Martin Bowman

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Phone 123-J Waterdown

#### Harry Hamer

PIANO TUNER

86 Keith St.

Hamilton

Orders can be left at Review

### All Kinds

Of No. 1 Wood and  
Coal for Sale

At Reasonable Prices

#### H. SLATER

Waterdown

Ontario



#### GUARANTEES YOU REAL VALUE

That's why we sell it instead of other makes. It's of the highest quality—in wire, galvanizing and workmanship—and is made by THE CANADIAN STEEL & WIRE COMPANY, LTD., HAMILTON, ONT., who guarantee it.

We can sell you this fence as cheap as you can buy fence anywhere.

#### ARTHUR SINCLAIR

Waterdown, Ontario

#### Wanted

To warn the public against trifling with old wood shingles, but protect your barn and dwelling with a material capable of a fire resisting power of from 18 to 20 minutes. Sold in packages or applied. Call or write for prices and free estimates.

H. W. PARK

Waterdown

#### Don't Wait For Weeks

to get your watch back when you want it repaired, but have it done promptly and at much less cost by

#### Nelson Zimmerman

"The Fine Watch Specialist"

Opposite Post Office, Waterdown

### C. W. DRUMMOND

Agent for the

### Gray-Dort Motor Cars

WATERDOWN, ONT.

### A. C. SINCLIAIR

AGENT FOR

Massey-Harris Farm Implements  
O. K. Potato Planters and Diggers  
Louden Stable Equipment

A Good Stock of Repairs Always on Hand

Phone 186

Waterdown

### A. Featherston

Groceries and  
Confectionery

Waterdown

Ontario



# To Holders of Five Year 5½ per cent Canada's Victory Bonds

Issued in 1917 and Maturing 1st December, 1922.

## CONVERSION PROPOSALS

**T**HE MINISTER OF FINANCE offers to holders of these bonds who desire to continue their investment in Dominion of Canada securities the privilege of exchanging the maturing bonds for new bonds bearing 5½ per cent interest, payable half yearly, of either of the following classes:—

- (a) Five year bonds, dated 1st November, 1922, to mature 1st November, 1927.
- (b) Ten year bonds, dated 1st November, 1922, to mature 1st November, 1932.

While the maturing bonds will carry interest to 1st December, 1922, the new bonds will commence to earn interest from 1st November, 1922, **GIVING A BONUS OF A FULL MONTH'S INTEREST TO THOSE AVAILING THEMSELVES OF THE CONVERSION PRIVILEGE.**

This offer is made to holders of the maturing bonds and is not open to other investors. The bonds to be issued under this proposal will be substantially of the same character as those which are maturing, except that the exemption from taxation does not apply to the new issue.

Holders of the maturing bonds who wish to avail themselves of this conversion privilege should take their bonds **AS EARLY AS POSSIBLE, BUT NOT LATER THAN SEPTEMBER 30th**, to a Branch of any Chartered Bank in Canada and receive in exchange an official receipt for the bonds surrendered, containing an undertaking to deliver the corresponding bonds of the new issue.

Holders of maturing fully registered bonds, interest payable by cheque from Ottawa, will receive their December 1 interest cheque as usual. Holders of coupon bonds will detach and retain the last unmaturing coupon before surrendering the bond itself for conversion purposes.

The surrendered bonds will be forwarded by banks to the Minister of Finance at Ottawa, where they will be exchanged for bonds of the new issue, in fully registered, or coupon registered or coupon bearer form carrying interest payable 1st May and 1st November of each year of the duration of the loan, the first interest payment accruing and payable 1st May, 1923. Bonds of the new issue will be sent to the banks for delivery immediately after the receipt of the surrendered bonds.

The bonds of the maturing issue which are not converted under this proposal will be paid off in cash on the 1st December, 1922.

W. S. FIELDING,  
Minister of Finance.

Dated at Ottawa, 8th August, 1922.

## GREENE BROS.

Supplies and Electrical Work

Phone 146

Waterdown

We cannot make all the Washing Tablets so we only make the Best.

## Canadian Beauty Washing Tablets

Are put up only in Blue Square packages and are absolutely guaranteed. Get your supply today and do away with wash-day drudgery forever.

Made in Waterdown by

## Canadian Beauty Products

On Sale at

S. Weaver      W. G. Spence      A. Dale

Jas. E. Eager Estate

A. Sinclair, Aldershot

A. McEdwards, Freulton

Family Herald and Weekly Star  
and the  
Waterdown Review  
Both papers 1 year for \$2

## Say It with Flowers



The Sawell Greenhouses

## WATER IN FARM HOMES

Compression System Will Give  
General Satisfaction.

Water Pumped Into a Metal Tank  
Against Compressed Air—Various  
Methods of Working the Pump—  
Air Valves a Necessity—Seven  
Steps to Success in Poultry  
Culture.

(Contributed by Ontario Department of  
Agriculture, Toronto.)

In my last article I described briefly the attic tank system of water supply for the rural home. This system has given very good satisfaction in the past, but I doubt if it will be installed in many homes in the future, as there is now on the market something very much superior in many respects. I refer to the compression water system, which I will try to describe in a few words.

### How the System Operates.

The chief feature of this system is that water is pumped into a strong air-tight cylindrical metal tank against the entrapped air which is compressed in the upper portion of the tank, and the compressed air constitutes the power to drive the water out of the tank when a faucet is opened on the discharge line. This is very simple. The metal tank will vary in size according to the amount of water used, but a common size is 6 feet by 2½ or 3 feet. It should be kept about full of water and at a pressure varying from 40 to 45 lbs. Greater pressure, if required, may be secured by pumping the water to a higher level than named in the tank, or by pumping some air into the tank before any water is pumped in. A water gauge is attached to one side of the tank to indicate the height of the water in the tank, and on the discharge pipe close to the tank is a pressure gauge. The tank must be kept in a frost-proof place—say the cellar, or an underground pit. The water keeps cool, clean and fresh in this tight tank.

### Methods of Working the Pump.

There are many different ways of operating the pump in order to fill the tank: By hand, by windmill, by gasoline engine, or by electric motor. A few minutes of pumping each day by hand will keep the ordinary-sized house supplied with plenty of water. When the pump can be operated by windmill or electric motor, there is the great advantage of automatic starting and stopping of the pump. The automatic electric water systems of the present day are very convenient and also very efficient. In case of shallow wells and cisterns the pump and motor can be located inside the house or barns. As farmers get electric current these automatic systems will become very common both for shallow and deep wells. The automatic systems require very little attention and are very noiseless. There are several styles or designs, but any of them of reputable firms will give good satisfaction if the installation has been done properly and if the outfit be given good care.

If soft water as well as hard water is required under pressure, two tanks are necessary, one for soft and one for hard. Only one pump is required in this double tank outfit.

### Air Valves a Necessity.

Pumps used in connection with compression systems must be provided with an air valve for renewing the air in the tank because the air dissolves in the water and escapes with it. If means for pumping in air were not provided for, the tank would eventually become water-logged and the system would be rendered absolutely useless.

The compression water system is described and illustrated in Bulletin 267, entitled "Farm Water Supply and Sewage Disposal." A copy may be secured without cost by dropping a line to the Department of Physics, O. A., Guelph, Ont. Give us a chance to help you to solve your water supply problem.—R. R. Graham, O. A. College, Guelph.

### Seven Steps to Success in Poultry Culture.

1. Keep accurate records. Little progress can be made without this first step.
2. Feed a properly balanced ration. Such a ration furnishes nutrients for growth, maintenance, fattening and eggs. The production of eggs must be a constant aim.
3. Give proper care and comfort by good housing and management. Discomforts are: Extremes of heat and cold, hunger and thirst, four air and dampness, and diseases and parasites.
4. Keep standard-bred, utility stock. There are five good breeds for the farm: Plymouth Rock, Rhode Island Red, Leghorn, Wyandotte and Orpington. Varieties of these have been bred for heavy egg-production.
5. Breed from the best, both male and female.
6. Sell unprofitable stock.
7. Market graded products. Maximum returns are secured from graded products. Markets demand a constant supply, and this calls for community co-operation.

# FREELTON FAIR

October 4th and 5th

Under the auspices of the

East and West Flamboro  
Agricultural Societies

ATTRACTIVE PRIZE LIST

Many Special Attractions

## Bartonville Brass Band

Childrens' Parade from Methodist Church  
at One o'clock

John Dwyer  
President

Jas. A. Gray  
Secretary

Gordon & Son

**CUSTOM  
TAILORS**

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WATERDOWN

## Waterdown Garage

Service and Repairs  
on all makes  
of cars

Marathon Hi Test  
Aero Gas

Tires at Standard Prices  
Complete Line of Ford  
Parts

Wm. Springer & Son  
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DENTIST

Mill Street Waterdown

John Kitching

FUNERAL  
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Up to Date Equipment

Motor or Horse Hearse

Waterdown Ontario

Westover Branch at  
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## Potato Diggers

You Can't Beat Them

## Silos and Silo Fillers

At Close Prices

## Electric and Hand Pumps

Hundreds of Satisfied Customers

We carry the largest line of Farm Supplies in Wentworth  
and give the best service to our customers. We invite your  
consideration and guarantee you a satisfactory deal.

**C. RICHARDS**

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Hamilton

Phone 19 - 2 Waterdown

## FEED LAYING PULLETS

They Need Extra Food to Keep  
Laying.

Wheat and Corn Preferred by Poul-  
try—Give Them Plenty of Green  
Feed—Beet Growers Can Make  
Good Syrup.

(Contributed by Ontario Department of  
Agriculture, Toronto.)

A pullet requires more feed than a hen, if it is intended that the pullet shall produce eggs. A bird to lay well must have a surplus of feed over and above body maintenance. The excess of feed above body maintenance goes either towards growth, fat, or egg production. Why the pullet requires more feed than the hen is because her growth is usually not complete when she begins laying.

Poultry prefer wheat and corn to almost any other grain, but a lot depends on what they were fed when growing. Certain feeds they never have seen they do not relish, usually, when first fed. Hence one person's hens eat oats or barley much better than their neighbor's. The available grain feeds on the farm are corn, buckwheat, barley, and oats. Good wheat cannot be used. The non-milling wheat, such as that which is sprouted, or very small, may be used up to twenty-five per cent. of the ration.

Poultry feeds are divided into two classes: one, whole or cracked grains, commonly called scratch feed; and the other, ground grains, commonly called mash.

Scratch feeds are generally fed night and morning, and are scattered in straw in order to induce the birds to scratch or take exercise. A mixture of two or more kinds of grain usually gives better results than one single grain, largely because individual birds' appetites vary from day to day. A good mixture for the winter month might contain as much as fifty per cent. good corn, either whole or cracked; if corn could not be had, and the birds were accustomed to eating buckwheat, the buckwheat would answer nearly as well, or one could use twenty-five per cent. buckwheat and twenty-five per cent. corn. To the corn or buckwheat could be added twenty-five per cent. of barley, ten per cent. of wheat screenings, and fifteen per cent. of good oats. If one was obliged to do so, almost any of the grains could be fed alone with the exception of oats. There is too much hull or husk on oats to use entirely as a single feed.

At present for a mash feed we are using the standard hog feed. If the ground grains are to be fed moist or mixed with cooked household refuse then the mixture should be one that will mix to a crumbly state, but if fed dry in an open hopper the above is not so important.

The mash feed is the one where the animal meals are generally given. The amounts vary from ten to twenty per cent. of the mixture. The animal meals used are commonly high grade tankage and beef scrap. Where one has plenty of skim milk or buttermilk the other animal feeds are unnecessary. Some use green cut bone; cooked refuse meat, such as livers, lights, beef heads, etc.

A very good mash can be made of one part each by measure of shorts, barley meal, and ground oats. Corn meal could be used in the place of the barley or with it. If one is short of green food or roots, it would be well to add one part of bran. Perhaps the simplest mash to feed from an open hopper is rolled or crushed oats. We have used this, when the birds had milk to drink, for a number of years with excellent results.

Laying hens require plenty of green feed. This green, succulent feed, is very important. Too much grain and no green food at times is very dangerous. Cabbage is one of the best green feeds. Roots are very good, but clover leaves should be within reach as well as the roots. Sprouted oats are used to a large extent on poultry farms. When the birds get accustomed to a green and succulent food it is generally wise to give them all they will eat. A pen of fifteen pullets will eat a fair-sized head of cabbage almost every day, or one hundred hens will eat a peck of sprouted oats day after day.

Keep your pen sweet and clean, but not drafty. Give the hens plenty to eat and some variety to the feeds. If you are regular in feeding and kind in your manner, the hens usually respond with very fair egg production.

Grit and shell should always be within easy access.—W. R. Graham, O. A. College, Guelph.

If you are concerned about the future welfare of Canada, buy a Victory Bond and make it a sure thing.

Don't forget the future of your children. Lay a good foundation with a Victory Bond.

Would you lend a soldier \$50 if you knew it would save his life? Buy Victory Bonds and keep the military hospitals up.

# EAGER'S

The Store of Quality

Save the Surface  
and You Save All

**Because**

In the fall the surface is thoroughly dry and in a better condition to receive paint

**And**

Paint penetrates deeper into this dried service giving it a better hold with greater wearing results.

**And**

Property is more in need of paint in the fall to protect it against winter and the moisture of early spring.

**We Have**

A good stock of Canada Paint Co's. High Grade Paints in a good range of colors. Also a good stock of the best quality of white lead.

## Homestead Red

For barns is the most economical paint for your barns and out-buildings.

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