

### Problems of the Farm

Contributed by Grey County Department of Agriculture

#### Feeding Hens in the Ottawa Contest.

Two reasons may be ascribed for the non-laying pullet at this date. They are (1) late hatching and (2) improper methods of feeding. Realizing this, it was deemed advisable to get the ration fed the hens at Ottawa in the Canadian and Ontario contests.

The letter relative to this is as follows:

The laying contest birds are housed in pens 6 feet wide by 10 feet deep. The houses have cotton and glass fronts, the cotton being near the top of the house. Our method of feeding is Monarch scratch grain, morning and afternoon. This scratch grain is fed in deep litter and the houses are cleaned as often as required, especially during the humid season. We use only enough scratch grain to keep the birds busy. The dry mash used is equal parts cornmeal, shorts, bran and ground oats, with 12 per cent. beef scrap. This is fed in a self-feeding hopper and is before the birds at all times. A wet mash is used at noon, and the above mentioned meal mixture is used for this wet mash. The wet mash is fed about two o'clock each day, and in very small quantities. Grit, oyster shell and beef scrap is kept before the birds at all times in self-feeding hoppers. Green food such as mangels, cabbage and sprouted oats are fed daily; the mangels or cabbage in the morning, and sprouted oats in the afternoon. Sour skim milk or buttermilk and water are used for drinking purposes, both milk and water being before the birds at all times. Epsom salts are used about once a month at the rate of one pound to 100 hens, and is given in the drinking water. The day this medicine is administered no milk is given to the birds. The cotton front is kept open as much as possible, as we believe in fresh air, but not exposure or drafts.

#### Ontario Variegated and Grimm Alfalfas.

Recently Dr. Zavitz received a letter from a leading American seed house from which the following is quoted:

"We are in controversy concerning the comparative hardness and productivity of Grimm and Ontario Variegated Alfalfa. May I ask you whether or not the Ontario Variegated is a Grimm Alfalfa?"

The following were the answers given to these questions:

"The Ontario Variegated is not a Grimm Alfalfa. The seed of the former was obtained from Lorraine in 1871 and has been grown in Welland County for the last half century. The Grimm variety was brought from Baden, Germany, by Kuhlheim Grimm and was sown in Carver County, Minnesota, in 1858, where this type of alfalfa has been grown since that time. Both varieties have variegated flowers and are similar in some characteristics. In an experiment at our college which extended for a period of nine years previous to 1916, the Ontario Variegated still had 63 and the Grimm 57 per cent. of living plants. Three years later, however, after coming through one of the most severe winters for the past thirty years the per cent. of living plants of the Ontario Variegated was reduced to 16 and of the Grimm to 25. Under similar conditions, the common plants were practically all dead four years previous. The Variegated Alfalfas, including both the Grimm and the Ontario Variegated, have proven much harder than the common alfalfa in the various experiments conducted at the College within the last fifteen years.

"In an experiment which was conducted in 1923 for the eleventh year the average yield of hay per acre per annum was 1.1 tons from the Grimm and 3.5 from the Ontario Variegated. In a ten-year experiment with numerous lots of alfalfa, there was an average annual yield of hay per acre of 3.1 tons from the Variegated and of 1.1 tons from the Common, or Violet-flowered alfalfa."

Grey County growers have a large quantity of alfalfa seed on hand. It is generally of the Grimm or Variegated variety so that it is as good as can be secured elsewhere. Therefore, if any Grey County farmers are thinking of sowing alfalfa for the first time or if increasing their acreage, they are advised to secure their seed requirements at home. The alfalfa is acclimatized, must be hardy, and therefore will withstand conditions. Be sure it is home grown and clean. Buy home grown seed that is clean in preference to any other.

#### Glover Seed Test.

Should any farmer desire to have Clover or Alfalfa seed graded, it will be done free of charge if sent before January 31, 1924. Write the Department at Markdale for full particulars. If the test is not made before January 31, it will cost you 50c.

#### Trout Fry.

A few application forms have come to hand for the securing of Trout Fry from the Government Fish Hatcheries. These are given free under the following regulations:

1. All applications must be in before March 1 and May 1, according to the kind of fish applied for.
2. All questions on the application form must be answered.
3. Only waters to which the public has free access are stocked. Streams which are rented cannot be stocked free of charge.
4. Applicants must furnish team and assist in distribution.

Let every farmer having head waters in Grey do his utmost to conserve the wonderful fishing potentialities of our beloved County.

#### EGREMONT COUNCIL

Council met December 15, members all present, minutes adopted.

The Reeve reported: J. T. McAnish, dragging and raking stones off road, \$5.75; W. Iles, drawing tile and putting in culvert and graveling, \$13.00; gravel, \$3.92; N. McDougald, 54 1/2 rods wire fence, \$21.80; J. Ellis, 60 rods, \$24.00; O. Haney, graveling, \$40.00; gravel, \$3.20; H. Hoffman, graveling, \$10.00; fees, \$2.00.

Aberdein—Groat—That the Reeve's report be adopted.—Carried.

Comr. Calder reported: J. Hincks, rep. culvert, \$2.50; H. McLean, underbrushing, \$2.00; W. McMurdo, 36 rods fence, \$10.80; J. McDougald, rep. bridge, \$3.15; N. Wilson, cleaning out ditch, \$2.50; fees, \$3.00.

Aberdein—Groat—That Comr. Calder's report be adopted.—Carried.

Comr. McDougald reported: G. Keith, filling approaches to McDougald's bridge, \$32.00; graveling, etc., \$19.00; J. McPhee, gravel, \$2.64; R. Watson, graveling, \$5.00; gravel, 56c.; J. McPhee, 22 rods fence, \$8.80; John McPhee, 10 rods, \$4.00; D. McQueen, rep. culvert, Egremont, and Proton Town Line, \$5.00; dragging Town Line, \$1.00; W. Stewart, rep. culvert, \$5.00; Comr. McDougald, surveying work, approaches to bridge \$6.00 and road imp., \$5.00.

Groat—Aberdein—That Comr. McDougald's report be adopted.—Car.

Comr. Aberdein reported: W. Allan, grading, \$12.00; gravel, \$1.68; J. Marshall, rep. culvert, \$1.50; T. Harrison, rep. bridge, \$3.00; fees \$1.00.

Groat—McDougald—That Comr. Aberdein's report be adopted.—Car.

Comr. Aberdein paid to the Treasurer 80 cents, being error in J. Brown's account.

Comr. Groat reported the sale of timber at Lot 5, Con. 16, at Love's bridge, Con. 14, at Mutch's bridge, Con. 14, amounting to \$14.00. Fees \$3.

Aberdein—McDougald—That Comr. Groat's report be adopted.—Carried.

Mr. Charles McInnes paid into the Council the sum of \$50.00, being donation towards the building of bridge at Lots 15 and 16, Con. 13.

School Attendance Officers J. R. Philip, H. Lamont and J. McPhee reported regarding their work under the Adolescent Act. Reports were received and adopted by Council.

Mr. A. S. Clarke, Mount Forest, appearing on behalf of certain ratepayers in S. S. No. 3, addressed the Council in support of a petition circulated and signed by a number of ratepayers in the school sections referred to the building of an addition to the Public School for Continuation school purposes. The matter was discussed at some length, the Council informing Mr. Clarke that due consideration would be given the question and the proceedings leading up to the application of the trustees to the Council to pass the necessary by-law, would be looked into to find out if there had been any irregularity in the matter. Later on in the meeting the matter was taken up. The minute book recording the proceedings which had taken place at the different meetings held was produced, after which the Council was satisfied that no irregularity existed and that it was incumbent upon the Council to pass the By-law upon the application of the Board of Trustees. By-law 450, amending By-law 441, re debentures S.S. No. 3, was passed. This amending By-law reduces the amount of debentures and levy under the former by-law from \$11,000 to \$5,000 and is subject to the approval of the Ontario Railway and Municipal Board. By-law 451 appointing Edward Russell Deputy Returning Officer in Polling Subdivision 6 in place of Peter Keith, resigned, was passed.

Mr. A. S. Clarke on behalf of Mr. J. Ross and Mr. A. Fishie, and also Mr. James Shea and others, addressed the Council giving their reasons why the Council should not proceed with the stopping up of the highway between Lots 15 and 16, Con. 5. The matter was discussed at some length and was given due consideration by the Council, after which By-law 446 for stopping up the highway in question and for selling the land included therewith was given a third reading and finally passed, signed, sealed and engrossed on by-law book.

Minutes of the financial statement were received and adopted and printed for distribution and the Treasurer

receive \$5.00 for preparing same.—Carried.

Calder—Aberdein.—That the following accounts be paid: A. Shand, sheep killed, \$16.00; A. Ross, inspecting, \$1.50; James Webster, sheep injured, \$5.00; T. Bowman, inspecting, \$1.50; Treasurer, half yrs. salary, \$75.00, postage and exchange, \$14.75, exchange, Co. Rate, \$11.50; W. B. Rife, express, 60c.; Clerk, half year's salary, \$175.00, postage and telephone account, \$20.46, envelopes for taxes, \$3.00, special meeting re municipal drain, Egremont and Proton, \$2.50; Municipal World, supplies for Clerk and Treasurer, \$38.67; W. B. Rife, express, 75c.; Thomas Watson, Sanitary Inspector, \$11.80; The Five-in-One Letter Envelope Company, for 1,000 report forms, re communicable diseases, \$9.20; Reeve, postage and telephone account, \$1.95; Comr. McDougald, telephone account, \$1.50; C. Ramage & Son, printing account, \$23.50; A. W. Wright, printing account, \$32.45; J. McPhee, School Attendance Office, \$3.00; J. R. Philip \$5.00, H. Lamont, \$5.00; J. S. Woods, sheep killed, \$17.00; M. Burke, putting up notices of by-law, \$2.25; George T. Calder, damages to sheep, allotted by Government arbitration, \$43.50; C. Drummond, supplies for grader, \$2.01; members of Council, meeting at date, \$15.00; B. Gibson, use of room, \$2.00.—Carried.

Groat—Aberdein—That the Reeve vacate the chair and Deputy Reeve Calder occupy the same.—Carried.

Brief addresses were then made by the Reeve and other members of the Council, after which the Council rose.—D. Allan, Clerk.

#### JAZZ AND HEALTH DON'T MIX SAYS SHIRLEY MASON

The zero hour in the California home of Shirley Mason, the Fox star, is six o'clock, A. M. On the strike of the clock she is out of bed.

"I love the Southern California mornings," she says. "It is a delight to be up with the birds and be ready for the day. How do I do it? Why, I go to bed long before the big cafes get lively. One can't serve one's health and worship at jazz palaces at the same time."



#### Wish them Merry Christmas by Long Distance

Calling up friends by Long Distance to wish them Merry Christmas and Happy New Year has become a well-established custom.

You can put so much more of the Holiday spirit into your voice than you can on paper that it is a question whether giver or receiver enjoys it the more.

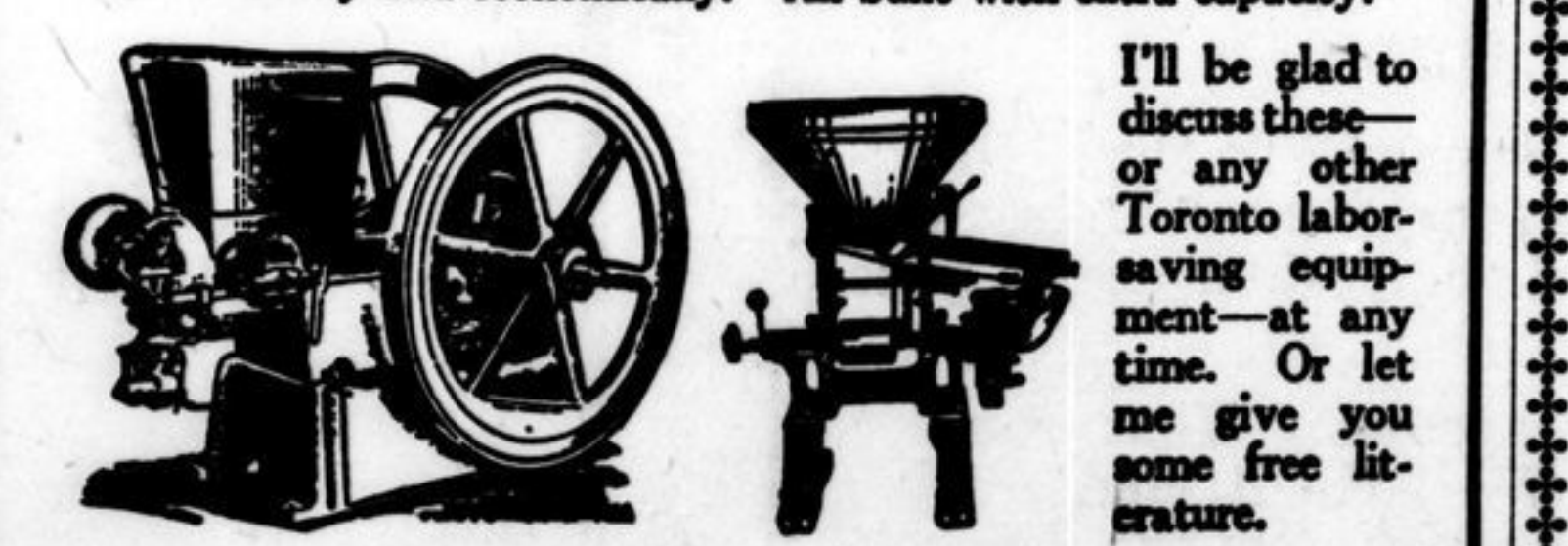
The evening and night rates on Station-to-Station calls are very reasonable.



Every Bell Telephone is a Long Distance Station

#### Dollars in Your Pocket Through Time Saved

You've no idea the time saved with a Toronto Engine and a Toronto Grain Grinder on your farm. Think of how much quicker an engine will do the work when attached to your pulper, grinder, saw, cutting box, cream separator, fanning mill or pump. It's a steady worker, requires little attention, operates economically on kerosene. With a Toronto Grain Grinder, too, you'll save hours on every trip to the mill. I know it will fill your needs, either for coarse or fine chop, efficiently and economically. All built with extra capacity.



JOHN SHUTZ, DURHAM, ONT.

#### TORONTO

#### ONTARIO'S MILD WEATHER MAKES SNAKES LIVELY

Unprecedented December Weather Brings Snakes From Winter Sleep.

On Thursday of last week Mr. Thomas Collier killed a milk snake in the vicinity of the Rob Roy Mills. The killing of a little snake is not recorded as an act of bravery but to think that such reptiles should be running around actively in the latitude of Durham on the 13th day of December is rather unusual, though not unprecedented.

Some years ago we reported the killing of several snakes near the Glenroadin mill at a later date in the season. We presume the mild weather brings them out of their hibernating quarters irrespective of the season. On a bright March day a number of years ago when snow was still on the ground, but the sun was shining brightly, the writer saw scores while taking a Sunday walk on the railway track a short distance south of the station, but quite within the town limits. Seeing of snakes is quite a common thing, but not so common, we are told, as it was some years ago.

#### A SAFE INVESTMENT

It is a peculiarity about readers of that wonderful farm and family journal, The Family Herald and Weekly Star of Montreal, that they do not look upon the \$2.00 subscription as an expense, but as a safe investment which yields them huge dividends each year. They will tell you, and we do not doubt it, that

each issue contains money-saving and money-making ideas which would pay the subscription price over and over. Considering the value and the remarkable qualities of that great journal, it should be a difficult matter to find a single home where it is not known and read regularly.

And now, heaped upon the phenomenal value already contained in the journal itself, the publishers of The Family Herald and Weekly Star are giving free to each new subscriber who remits in time, and to present subscribers who renew their subscription for another year, a most beautiful picture entitled, "The Wonderful Heroine." The reproduction of the original masterpiece in color has been done to perfection. In size the picture is 18 x 24 inches, on rich, heavy paper.

The life story of the Wonderful Heroine has been printed in booklet form and a copy can be obtained cost free by any of our readers who send a postal card to The Family Herald and Weekly Star, Montreal.

#### REDUCTION IN PENSION LIST AS WAR WIDOWS REMARRY

Fully Thirty-four Per Cent. Said To Have Remarried Since Late War.

The large number of English war widows who have remarried causes a big drop in the pensions to be paid by the Government. Since the war fully thirty-four per cent. have remarried, although there are more than two million spinsters in the country.

Several writers contend that many

marriageable young men shy at modern spinsters because they do not regard them as home-makers. Some of the spinsters say the widows are more capable of snaring the men.

Advertise in The Chronicle.

**Maltana**

The New Whole Wheat Bread

10c A LOAF

Made in Durham by E. A. Rowe Baker & Confectioner

## \$40. Piano Lamp Given Away Free

TO CHRISTMAS PATRONS OF OUR STORE

In order to stimulate trade at this festive season we are offering, without cost to you, a Beautiful Piano Lamp, valued at \$40.00 which some lucky customer will bear away with him on Christmas Eve—A Christmas present de luxe—one that will gratify the Yuletide desire of the most fastidious—one that will be an adornment to any home.

#### OUR PLAN

With every \$1.00 purchase each customer will receive a ticket, this to be deposited in a sealed receptacle which will not be opened until Christmas Eve, Monday, December 24th, 1923, at 10 p. m., when the drawing will be made. At the above stated time the tickets will be thoroughly mixed and the drawing made by some responsible person. The first ticket drawn wins the prize.

#### THE LAMP

The Piano Lamp, which is given away absolutely FREE by us, is a beautiful Mahogany Lamp, five feet high, with silk shade, valued at \$40.00. It is worth trying for and will not cost the lucky customer one cent. See it on display in one of our windows.

### Only Three Days More—So Hurry!

Everything in our store is closely marked for the Christmas trade. Not one cent added to the cost of anything. Our stock is fresh and new and our store from front to back is replete with high-class merchandise at prices to suit your pocket.

Mayor J. L. Smith will draw the winning ticket on Monday night

### A \$1.00 Purchase May Win You This \$40.00 Lamp

BELOW WE GIVE A FEW OF OUR LEADERS

Aluminum Tea Kettles from \$1.35 to \$4.00	Aluminum Tea Pots from \$1.25 to \$3.00	Large Assortment of 1847 Rogers Silverware in Old Colony Pattern
McClary Oil Heaters Nickle Trimming Reg. \$8.00 for \$6.00	Electric Irons Westinghouse \$6.50 Toaster \$7.00	Smoker's Sets from 60c to \$5.00

See the COFFIELD ELECTRIC WASHER with the All-Copper Tub. As good as the best. Why pay more? **\$125.**

A MERRY CHRISTMAS TO ALL

## Cross & Sutherland Hardware Co., Limited

SHELF AND HEAVY HARDWARE, SILVERWARE, CUTLERY, ETC.

Durham - - - - - Ontario