THE
Flesherton Advance
anndpee t1:w:0:0er, published every Thursday at the office Collingwood Street, Flesherton. Subscription price $1 per annum when paid in advance ;$1.50when no o pai Advertising rates on application Circulation 1 00weekly

W. H. THURSTON, EDITOR

Only 11 votes were cast in Formosa in favor of keeping Ontario in the dry belt. When the previous temperance plebiscite was taken not a single vote in Formosa was cast in favor of prohibition.

A church will be erected in Notre Dame de Grace, a suburb of Montreal, upon the walls of which will be inscribed the names of every man who died for Canada in the war. The church will be used by the combined congregations of the Anglican Church of the Good Shepherd and Trinity church. Sixty thousand Canadians were killed.

Farm For Sale

Grain and stock farm of 100 acres, lot 18, con 4, Township of Osprey, three miles west of McIntyre. For furthe particulars apply to

JOHN SEELEY,
n 20 R. R. No. 1 Maxwell.

THE MARKETS

Carefully Corrected Each Wee

Butter	0 48 to 0 50
Eggs	0 60 to 0 60
Wheat	2 00 to 2 10
Peas	1 40 to 1 50
Oats	90 to 91
Barley	78 to 80

Came Astray

Came to my premises, lot 31, con. 4 Osprey, about Oct. 13. one ram. Owner kindly call, pay expenses and take the animal away.

—ALBERT BLACKBURN

BOAR for SERVICE

Purebred Tamworth Boar for service on lot 167, S W T and S E., Artemesia,. Terms—$1.50.

Feb15 9 —T. J. STINSON, Prop.

Edward McCann of Omagh got a yield of 63 bush. 10 lbs. of Alsike clover seed off 8 acres, which he sold without cleaning at $27 a bushel. He received a cheque amounting to over $1700.

Flesherton Tin Shop

I have just placed on the shelves a full line of Tinware, Nickelware and Agateware for domestic use. Call on me and get your supplies.

Eavetroughing, Stovepipes and Stove Furnishings.

Repairing of all kinds promptly attended to.

Pipefitting, including pump work.

Furnaces installed. Agent for Clare Bros. Furnaces.

D. McKILLOP
CHRISTOE BLOCK
FLESHERTON ONTARIO.

SATISFIED !

THAT

Is what over 100 users say about 1900 Gravity washers supplied by

S. HEMPHILL,
Agent For

1900 Gravity washers and wringers Electric and gasoline power washers.

ALSO

for McCormick Binders, Mowers, Hay Rakes, Hay Loaders, Drills, Cultivator, Plows, Steel Stalls, Harrows, Gasoline Engines, Brantford double geared and auto Windmills, Beatty Hay Carriers, Hay Forks, Slings, Manure Carriers, Water Bowls, Water Tanks, Pump and Piping.

SOMETHING NEW IN BUZZ SAWS

One third more wood cut with same power when fitted with my patent.

S. HEMPHILL
Agent, - Ceylon, Ont.

SEASONABLE WANTS

Pullover Sweaters	Men's Heavy Boots
Sweater Coats	Rubber Boots
Scarfs and Caps	Felt Slippers
Men's silk Scarfs	Flannelette Blankets
Furs	Wool Blankets
Fur and Cloth Coats	Comforters
Raincoats	Rugs
Mackinau Coats	Congoleum Squares
Wool Underwear	Lenoleum
Gloves	Special Prices on Sugar

HARDWARE

Wall Paper, Paints, Horse Blankets, Saskatchewan Robes, Oils.

F. G. KARSTEDT, Flesherton

Small Ads.

FOR SALE

For Sale—One cow and calf—O. W. Phillips, Flesherton.

For Sale—One wood heater, good as new. T. Bulmer, Flesherton.

For Sale—2 yr old pure bred Leicester ram after Nov. 10—D. Muir, Ceylon.

Purebred Oxford Down ram for sale.—John Beecroft, Flesherton.

Cow For Sale—Milking, due to freshen middle of next April—Jas. Hopps, R R 3, Flesherton.

For Sale—Three yearling calves and one cow, milking. Apply to W. J Martin, Flesherton.

Large coal heater, self feeder, for sale cheap. First class condition, practically new. F. H. W. Hickling.

For Sale—One Registered Shorthorn Bull, 18 months old. Price right. F. R. Genoe, Eugenia.

For Sale—Grocery, Flour and Feed, Seed and Grain business for sale. Reason for selling—going into the garage business. Apply at once to H. Down & Son, Box 65, Flesherton.

For Sale cheap and on easy terms, Lot 15, con. 11, Osprey, 110 acres. This is a first class farm and in a good state of cultivation. Good bank barn and new frame dwelling. Apply to R. J. Sproule Flesherton

For Sale—1 roadster filly rising two, also one spring colt bred from Crowston's Percheron. Terms—cash or time.—A f. Thistlethwaite, Flesherton.

LOST and FOUND

Lost—On Tuesday, Nov. 18 between James McMullen's and Ceylon, a ladies' little mink neck fur. Finder kindly leave at Cook's store, Ceylon.

Came Astray—Came to the premises of the undersigned, lot 29, con. 7, Art., about November 15, two yearling heirers one red and one grey.—I. Smith, Flesherton, P.O.

Strayed—From lot 35, con. 13, Artemesia, about October 28th, one three year old steer, red with white strip on face, white hind legs and point off tail.—Les. Chard, Flesherton. Phone

Strayed—From lot 33, con. 9, Osprey, on November 2nd, one small yearling ewe and two ewe lambs with brown faces and short tails. Finder please keep this property and notify Sam Osborne, Feversham.

MISCELLANEOUS

Four good ewes to let on shares.—Apply to Louis Kerton, Maxwell.

Chopping six days in the week—Graham Bros., Eugenia

Try Feversham Pastry Flour, the best for your cook, All Ontario wheat

Highest price for butter and eggs at Graham Bros. Eugenia. June 26

Private funds to loan on real estate security at reasonable rate of interest. Apply to R. J. Sproule, Flesherton
sept 2317

Methods of Keeping Cow Records.

Four things are necessary for keeping cow records:

1. A monthly milk sheet, ruled so that there shall be a column for recording the weight of the morning and evening milking of each cow for each day of the month, though some use a sheet ruled for three days only, and estimate the weight of milk given for the month from these three days, which may be consecutive, or on the first, tenth and twentieth of the month, making ten-day periods between. The Ontario Department of Agriculture, Toronto, will furnish (free) monthly milk record sheets to those interested.

2. A milk scale — preferably one having a dial face and two hands, one of which shows the net weight of milk in the pail, when properly set. This scale costs about five dollars.

3. A four to eight bottle Babcock test, where it is desired to know what each cow's milk tests in fat. This will cost from eight to twelve dollars complete. (If a member of a cow-testing association or convenient to a creamery or cheese factory, arrangements can usually be made to test the samples, hence the tester is not needed, but a progressive dairyman should have his own testing outfit and use it.)

4. The fourth and most important requirement is "The-will-to-do." Without this, milk sheets, scales, testers, etc., are valueless. By having scale, sheet, pencil, sample bottles properly labelled, etc., all conveniently arranged, it takes but little time to keep a record of each milking cow in the herd.

We would add a fifth need, which is some form of permanent record book for monthly totals and tests, as milk sheets, and notes or records of testing, are likely to be lost and not available for reference. But if these are recorded once a month in a permanent form, they will prove a source of help in breeding, feeding and weeding dairy cows. — Prof. H. H. Dean, O. A. College, Guelph.

SAVE WINTER FODDERS

By Putting the Grain-Grinder and Cutting-Box in Shape.

It Pays In Time and Money to Overhaul Farm Machinery—Hints on Knife Adjustment—How to Estimate the Speed of Pulleys.

(Contributed by Ontario Department of Agriculture, Toronto.)

TIME in farm work will be saved by systematically overhauling the implements and machinery. This should be done after the season's work is over. Use tends to disorganize machinery: the fixed parts become loose through vibration, wear, stress and strain; bearings, gears, joints all bright and moving parts are attacked by rust, particularly if left out in the weather; oil holes and grease cups become clogged with gummed oil, dust and trash. All this accumulated matter should be scraped off and the parts wiped down with a rag saturated with kerozene; afterward covered with a coating of grease or oil as a protective measure against the devasting action of rust. To render efficient service and to prevent possible accidents these machines should be kept clean, properly adjusted, and run at correct speed.

The grain grinder shaft and bearings should not be allowed to become gummed up with oil and dust: the burrs or plates should be renewed when worn. In replacing them see that they are attached so that they do not wobble, and that the sieves are free from rust, chaff, sand and gritty matter. All running parts should be kept well oiled.

Every working mechanism of the cutting box should be carefully examined and all trash and gummed oil removed from flywheel shaft, feed rolls, bearings and gears; guards and shields placed in position and securely fixed; the feed rolls should move freely up and down and the safety devices in working order. Attend to the cutter knives, have them properly ground and correctly adjusted to the flywheel in relation to the cutter bar; if too far the fodder will not be properly cut; if too close to the cutter bar the draft of the machine is increased, the knives acting as a brake on the flywheel, dulling both knives and cutter bar. Used with a blower it is important that the proper speed be developed as the fan can only create sufficient blast by running fast enough to force air through the pipe at a rate of 9 to 10 thousand feet per minute. Speed is an important factor in operating these machines for efficient service, not only as to the amount done, but also as to the quality, or the amount of work accomplished, but most manufacturers state in their catalogues the speed at which the machine should travel. The operator should figure out the size of the pulley to attain the speed required.

The rule for speeds of pulleys is the diameter of the "driving" pulley multiplied by its speed is equal to the diameter of the "driven" multiplied by its speed: or D X R = dXr in which "D" is the diameter of the driving pulley multiplied by "R" its speed, and "d" the diameter of the driven pulley multiplied by "r" its speed. If we know three of these items we can easily figure out the fourth.

The driving pulley is the one that causes the belt to move.

The driven pulley is the one that is moved by the belt.

Possibly a farmer may have on hand an engine rated 2 h.p., speed 400 revolutions per minute with an 8-inch pulley. He buys a grinder without considering what relation its speed bears to that of his engine. When the grinder is hitched up to the engine it does not deliver the capacity expected of it. This promiscuous buying and want of forethough in purchasing machinery is responsible for a great deal of trouble and dissatisfaction. More attention should be given in this regard when buying additional machinery for the farm. We'll suppose that the grinder bought is rated 2,000 to 2,500 R.P.M., 4 inch or 5 inch pulley; capacity per hour 3 to 10 bushels depending on the condition of the grain.

Relating this grinder to the engine, we find, taking the above formula that

$$B8 \times R\ 400 = d4 \times r = \frac{8 \times 400}{4} = 800$$

R.P.M., but the manufacturer's rating calls for 2,000 to 2,500 R.P.M. Hence the grinder is delivering only two-fifths of its rated capacity or something like 1 1-5th bushels per hour. To get the required speed the driving pulley on the engine should be 20 inches in diameter, worked out as follows:

$$DxR\ 400 = d4 \times r2000 = \frac{4 \times 5}{400} = 20''\ \text{pulley.}$$

or the speed of the engine with an 8-inch pulley should be 1,000 R.P.M. worked out thus

$$D8xR = d4 \times r2000 = \frac{4 \times 1000}{8/2} = 1000\ \text{R.P.M.}$$

This method applies also to finding the speed and size of pulleys of the cutting box.—Prof. Jno. Evans, O. A. College, Guelph

Something About Egg Circles.

There are about fifty Egg Circles in the province, ranging in membership all the way from four to 400. The story of all these egg circles and others which have failed would give an almost complete picture of how co-operation should, or should not, be carried on. In reading over the names where the circles are established, we find many of them whose previous market was the small-town local dealer, with his uneconomic method of marketing eggs. Such circles are now receiving, in spite of their distance from the central market, wholesale prices while unorganized points nearer often receive lower prices.

BUSINESS CARDS

SOCIETIES

PRINCE ARTHUR LODGE, No. 333, A.F.& A M, meets in the Masonic hall, Armstrong's Block Flesherton, every Friday on or before the full moon. T. Clayton, W. M., A. E. Bellamy, Secretary.

DENTISTRY

Dr B. C MURRAY L. D. S, dental surgeon honor graduate of Toronto University and Royal College of Dental Surgeons of Ontario, Gas administered for teeth eXtraction Office at residence, Toronto Street, Flesherton.

MEDICAL

Dr W. J. Henry, M. B., graduate of Faculty of Medicine, Toronto University. Office —Dr. Little's late residence, Flesherton.

J P OTTEWELL
Veterinary Surgeon
Graduate of Ontario Veterinary College residence — second door south west on Mary street. This street runs outh Presbyterian Church.

LEGAL

LUCAS, RANEY & HENRY—Barristers, Solicitors, etc.—I. B. Lucas, K. C.; W. E. Raney, K. C.; W. D. Henry, B. A. Offices, Toronto, 806-9 Traders Bank Bldg., phone main 1412; Markdale Lucas Block, Phone 2 A. Branch office at Dundalk open every Saturday.

WRIGHT, & TELFORD, Barrister, Solicitors, &c. Offices, Grey & Bruce Block, Owen Sound. Standard Bank ck, Flesherton, (Saturdays). W. H. Wright, W. P. Telford Jr.

BUSINESS CARDS

WM. KAITTING, licensed Auctioneer for the counties of Grey and Simcoe. Farm and Stock sales a specialty. Terms moderate, satisfaction guaranteed. Arrangements for dates may be made at the Advance office, or Central telephone office Feversham or by addressing me at Feversham, Ont.

D. McPHAIL, Licensed Auctioneer for the County of Grey. Terms moderate and satisfaction guaranteed. The arrangements and dates of sales can be made at The Advance office. Residence and P.O., Ceylon, Telephone connection. Dec. 6, 70

NOTICE

To the citizens of Flesherton and the surrounding country :

I wish to draw your attention to the fact that I am the sole agent for the Singer Sewing Machine, as that includes a part of my territory.

As you are all aware of the fact that the Singer is by all means the most reliable sewing machine on the market. If you are thinking of buying, phone, write or call personally and get prices and terms. Old machines taken in exchange at a reasonable price. You can also buy them on your own terms. Call and get particulars before the price goes up again.

HUGH KNOTT, Agent,
Markdale, Ont.

Boar For Service

Registered Chester White hog for service at Rock Mills. The father won first at Chicago Fair. Terms $1.50.
dec 519 —I. SMITH Prop.

For Service

One pure bred Shorthorn Bull onlot 36, con. 9, Artemesia. Terms $1.50 for s. grade Must be paid within 9 months date fromof service.

19.an. —R. O. TURNER.

Farm For Sale

200 acres, being lots 1, con. 8, and lot 1, con. 9, Osprey. Good buildings on each farm, a good well on each with windmill on one, water in barn and house, a good orchard on each farm, well fenced with wire and rails, in good state of cultivation. For terms and particulars apply to

D. W. CLINTON,
31 Erindale Ave.,
o 16 Toronto.

A potato left in the Dundalk Herald office by R. B. Heard of Proton shows the strength and persistence of twitch grass, the root of which pierced right through the centre of the tuber rather than go around it. Another freak of nature is a carrot left in by Hugh Nelson of Proton which in its growth during the summer had found an iron nut under the surface of the ground and lost from a bolt some years previously. The point of the carrot grew through the hole of the nut and expanded two inches on the underside. When the carrots were pulled the nut was found embedded.

Farm For Sale

176 acres with good bank barn and solid brick house, with good well and windmill, orchard and plenty of stove wood. Land in good state of cultivation. Three miles from Flesherton. Apply to

MRS. W. J. LEVER,
R. R. No. 2, Flesherton.

Boar for Service

The undersigned has a thoroughbred Yorkshire Boar for service on lot 11, con 8, Osprey. Terms $1.50.

FRED SPOFFARD.

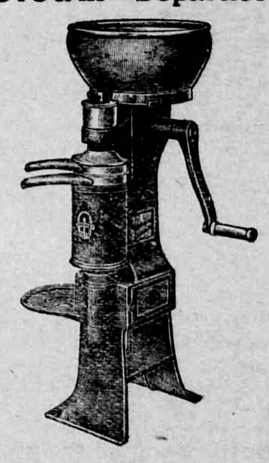
New Bakery For Flesherton

Having purchased the bake shop in Flesherton I have fitted up the same and am now prepared to cater to the public in first class Bread, Buns, Biscuits and Pastry.

My greatest effort will be to please the public, and your custom is respectfully solicited.

F. Pinder, Prop

Magnet Cream Separators



square gears—no friction ; double supported bowl — cannot rock; perfect skimmer—one piece ; easy to turn — a child can operate; capacity change—saves the buyer $50.00 ; patent brake—"Magnet," patent ; strong, rigid construction —mechanically correct ; sanitary strainer—germ proof ; easy to clean—a child cleans it in a few minutes.

G. B. Welton
Flesherton, Ont.

The Work of Six Men

A Toronto Litter Carrier will astonish you with the amount of work it does. Enables one man to clean the stables as fast as six men in the old way. Cuts out the dirty part of the job. Takes away the danger of the old wheelbarrow and the slippery plank. Encourages cleanliness in the stable—and that means healthier cattle.

All Toronto Stable Equipment is designed to save work and make cattle bigger profit producers. You'll find with this equipment that stable chores become easy. Time is saved. Cattle are contented.

A wide knowledge of proper stable equipment can be gained from a study of our big stable equipment book. This will be sent free if you ask for it. Write now.

ONTARIO WIND ENGINE & PUMP CO., Limited
Atlantic Ave., Toronto
Montreal Winnipeg Regina Calgary

TORONTO

F. E. SOMERS

Feversham, Ont.