

"The Ontario Farmers' Own Organization"

If our coal estimate is large enough, we hope to quote most attractive prices on this commodity for summer delivery. We have heard from a number of farmers, but there are still a great many we would like to receive estimates from before setting our prices.

As anticipated, coal oil has advanced 2c. and gasoline has advanced 1c. per gallon. The oil market is strong.

We are now in a position to handle your butter and eggs. Get our prices before disposing of same elsewhere. When shipping your produce, always send us a statement of same by mail.

Farmers having seed grain or potatoes for sale may forward samples to this office, stating varieties, price and quantity.

We have about 600 bushels of American White Beans at \$7.60 per bushel; also some White Normandy Oats at \$1.02, and O.A.C. 72 at \$1.05, all f.o.b., Goderich, Ont. Bags extra.

Could you give us any idea as to your probable requirements in potatoes?

We are in a position to supply groceries, fertilizers, ground limestone, oils, etc. Get our prices.

Our supply of Seed Corn is entirely sold out. Sugar has advanced 20c. per cwt.

We are having considerable trouble lately with delayed freight. The railways refuse to call for small shipments only on certain days, owing to embargoes, but we hope this difficulty will soon be overcome.

THE UNITED FARMERS' CO-OPERATIVE CO., LIMITED
110 Church St. Toronto, Ontario

Wanted CREAM

We pay highest market prices for churning cream of good quality. We—

Remit promptly,
Test accurately,
Supply you with cans,
Give you a square deal.

Enough said, write for fuller particulars to

ROSEDALE CREAMERY CO.

Kitchener, Ontario.

Cure the horse while he works



Bickmore's Gall Cure is the C.I.-time reliable horse remedy. Heals and cures Harbess and Saddle Galls, Rope Burn, Cuts, Scorches, Grouse, Heel, etc., while the horse works. \$1 Money refunded if it fails. Keep it on hand. Demand the genuine, with "Work-Horse" trademark. Price 25c, 50c or \$1 at your dealer's or sent postpaid by us. Trial Order and valuable Farm Account Book for 10c. Write for both today.

Wingate Chemical Company
679 Notre Dame St. West, Montreal, Can.

Bickmore's Gall Cure

CREAMO Cotton Seed Feed Meal

FOR DAIRYMEN and FEEDERS

Ask your dealer or write for prices.
Fred Smith, 32-34 Front St. W., Toronto

MORE HORSE-POWER
if your teams are equipped with



These pads prevent Sore Shoulders and cure Gall Sores. Your dealer will supply you, or write **BURLINGTON BLANKET CO., LTD.**, 793 KING STREET WEST, TORONTO, CANADA.

MAKE YOUR OWN GENUINE LAGER BEER

at home with Hop-Malt Beer Extract

Ask for particulars and prices. Hop-Malt Company, Dept. 18, Beamsville, Ont.

HERFORD BULLS: 10 months to 2 yrs. old, young cows, calves, etc. Best in the world. Write for catalog 25c. Inspection invited.

ARTHUR F. O'NEILL & SONS, Denfield, Ont. R. No. 2.

Questions and Answers Veterinary.

Difficult Breathing.

Lamb three days old seemed to have a cold when born. It holds its head high, staggers and breathes short.

H. H. B.

Ans.—This is probably due to goitre. Get an ointment made of 2 drams each of iodine and iodide of potassium mixed with 2 ozs. vaseline, and rub some of this well into the throat once daily.

V.

Miscellaneous.

Pasture—Seeding With Clover.

I have 10 acres of fall rye on a light piece of land. I would like to seed it down with clover. When is the best time to sow the clover, and would you advise harrowing it?

2. Is wheat, oats and barley a good mixture to sow for pasture? Will it pasture one head of stock to the acre through the summer?

G. L.

Ans.—1. Clover may be sown any time. Some like to sow it on a fall of snow which frequently comes the latter part of March or early in April. The moisture from the melting snow gives it a start, and in this case harrowing is not necessary, as the slight freezing and thawing of early spring tends to cover the seed. If seeding is delayed until the ground is dry it might be advisable to harrow it, especially if the ground is any way hard.

2. A mixture of one bushel each of wheat, oats and barley sown at the rate of 3 bushels per acre, with about 6 lbs. of red clover added has proven to be a very satisfactory pasture crop. Sown at the regular seeding time it will be ready for pasture the latter part of June. It is essential that the stock be turned on it before the grain heads out. The amount of stock which it will carry depends a good deal on the season. We have known a crop from this mixture carrying one animal to the acre for the summer months.

Sub-soil Plow—Sweet Clover.

1. What quantity of alfalfa seed would you advise sowing per acre on a clay loam soil?

2. What is meant by a sub-soil plow? Can one be purchased in this country? The way I understand it, sub-soiling means breaking of the smooth surface which the plow leaves in the bottom of the furrow. Do you suppose that a cultivator tooth fastened in a casting just behind the mold-board of a plow would do?

3. I purpose seeding some land to white-blossomed sweet clover this year for the purpose of building up the soil. If it grows satisfactorily do you suppose that if I plow it under this fall I will have any trouble in keeping it down next year? Would plowing it under the latter part of May or first of June a year from this spring be more satisfactory. How many pounds would you sow per acre?

A. R.

Ans.—1. From 18 to 20 lbs. of alfalfa seed is usually recommended per acre.

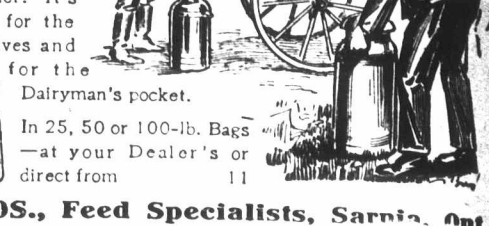
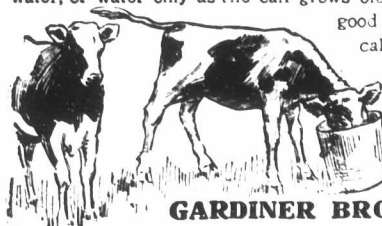
2. A sub-soil plow is an implement used to loosen a layer of soil underneath that generally cultivated. These plows can be purchased from implement manufacturers in this country. Sub-soiling is more than simply scratching the soil underneath the furrow. It is loosening it up to a depth of four inches or more; the deeper the better, but it takes considerable horse-power to pull it through a stiff soil. The sub soil seldom proves satisfactory for growing crops until it is weathered. In certain soils a hard layer is formed just beneath the plow furrow, which is difficult for the roots to penetrate. The sub-soil plow follows along behind the regular plow and simply loosens the hard strata. It does not bring it to the surface. A cultivator tooth would not make much impression. With only certain types of soils, and under certain conditions, is sub-soiling followed.

3. Sweet clover is a biennial crop, and if prevented from going to seed it would die out naturally the second year. Plowing it under this fall or next June would, no doubt, add considerable humus to the soil, and the only danger there would be of plants coming up in the next crop is from seeds which might fail to germinate this year. However there is little difficulty from this source. From 18 to 20 lbs. is considered a fair seeding.

GARDINER'S CALF MEAL

Saves the milk and Speeds the Calves' Growth

With its guaranteed 19% to 20% of Protein and 8½% to 9% of Fat, Gardiner's Calf Meal makes a rich and nourishing ration with separated milk, milk-and-water, or water only as the calf grows older. It's good for the calves and for the Dairyman's pocket.



GARDINER BROS., Feed Specialists, Sarnia, Ont.

PERCHERONS

ANNOUNCEMENT EXTRAORDINARY!

We have, and are going to sell in the next four weeks, the seven best imported Percheron stallions to be found under one roof in Ontario. Every horse is guaranteed sound and a proven foal-getter, and has been a prize-winner at either Toronto or Guelph Exhibitions. Ages run from four to seven years; colors blacks and grays; weights from 1,800 to 2,100 lbs. We are making substantial reductions in the price of these horses in order to make room for another importation. Terms to suit purchasers. Call, write, or phone.

HODGKINSON & TISDALE, Beaverton, Ontario

On the 26th day of APRIL, Mr. J. E. Arnold is offering his entire stock of 25 STALLIONS AND MARES

for sale by Public Auction, including his champion Percheron stallion "Loin", champion Belgian "Duc", champion mares, Percheron, Clyde, and Standard bred; also 60 HEAD OF HOLSTEIN CATTLE, registered and grade. This is one of the best opportunities ever offered in the Province of Quebec to get prize-winning stock, as no reasonable offer will be refused. Mr. Arnold is renovating both horse and cow barns and has no place to house stock while construction is going on. Watch for a more detailed account of sale in later issues. J. E. ARNOLD, GRENVILLE, QUEBEC

FOR SALE

A Very High-Class Belgian Stallion

COMING 7 YEARS

Color, Strawberry roan; weight between 1,900 and 2,000 lbs. Son of the Sweepstakes Draft Mare, Chicago Horse Show, 1907. Come and see his colts. Address: **W. C. HOUCK, R. R. No. 1, CHIPPAWA, ONT.**

Clydesdales and Ayrshires—Two Canadian-bred stallions, two years old, imported dam; other's dam is Dolly Murray, the Canadian-bred champion mare at Toronto, 1913. Come and see them. They are priced to sell. We are offering some choice young bulls and a few females. This is a beautiful animal and the first cheque for \$100 gets him. **LAURIER BROS., AGINCOURT, ONTARIO**

Clontarf Farm

Manning W. Doherty, Malton, Ont.

Est. 1820

Breeders of Clydesdale Horses, Holstein Cattle, Yorkshire Hogs. We can now offer Holstein bull (Pontiac Artis Thekla 30395), twelve months old, and every inch a bull, one-half white, dam Empress Thekla; has a record at two years and two days old of 16.54 butter. Sire, Pontiac Artis Canada. This is a beautiful animal and the first cheque for \$100 gets him.

Bell Telephone HILLSDALE FARM Farm 3, miles east of Ottawa

B. ROTHWELL

BREEDER OF HIGH-CLASS CLYDESDALES

Write me for prices on champion mares **R. R. No. 1, OTTAWA, ONT.**

OUR LATEST IMPORTATION OF CLYDESDALES

arrived at our barns late in November. A number of them since have been prominent winners at both Guelph and Ottawa. But we have others (both stallions and mares) that were never out; the majority of the stallions weigh around the ton, and better quality and breeding were never in the stables. Come and see them, we like to show them. **SMITH & RICHARDSON, COLUMBUS, ONTARIO**

ANNOUNCEMENT

Southdowns and Shropshires

Mr. John D. Larkin has recently added to his flock at Larkin Farms by purchasing from Mr. J. C. Duncan, Manager of the Niagara Stock Farm, Lewiston, N. Y., their entire flocks of Southdown and Shropshire sheep. The breeding and management of these long-established and well-known flocks will continue along the same lines as in the past. The continued patronage of those who have drawn from these flocks and those who require Southdowns and Shropshires of merit is solicited and complete satisfaction is assured. Address:—

LARKIN FARMS, QUEENSTON, ONTARIO

The Manor Stock Farm SHORTHORNS

Bulls all sold, except the four listed in the London Sale, March 28, a Rosemary, a Wimple, a Mina and a Julia. **Denfield, Ont.**

BRANT COUNTY SHORTHORN BREEDERS' CLUB

Many of Ontario's leading herds are represented in Brant County. Write now for our Sales List. **GEO. L. TELFER, Secretary, PARIS, ONT. JAS. DOUGLAS, President, CALEDONIA, ONT.**

Glengow Shorthorns, Cotswolds

For the present, we have sold all the Cotswolds we wish to spare, but we have a choice offering in young bulls fit for service. They are all of pure Scotch breeding, and are thick, mellow fellows, bred in the purple. **WM. SMITH, Columbus, Ont., Myrtle, C. P. R., Brooklin, G. T. R., Oshawa, C. N. R.**

EVERGREEN STOCK FARM—High-class Registered Holsteins

To breeders who wish to make secure their future success we are offering some extra choice bull calves at living prices. Two of these are from daughters of a son of Lulu Keyes, 36 lbs. butter 7 days, and 21 lbs. milk per day, and sired by Prince Colantha Abbecker, whose dam made 32 lbs. butter 7 days and 104 lbs. milk per day. **A. E. HULET, NORWICH, ONT. BELL PHONE 46-7. 3**