



EVERY farmer knows that his cows yield more milk and better milk when they are contented. Are your cows contented? Are they profitable? If not, make them so by doing away with your old-time wooden stalls. They gather dirt, harbour disease germs, and prevent the free circulation of life-giving air and sunlight.

LOUDEN

Perfect Barn Equipments

The LOUDEN Tubular Steel Stable Equipment is easily and quickly installed and insures cleanliness and ventilation. Its use means comfort for your cows and profits for you.

GET INTERESTED. WRITE TO-DAY. Our book, "Perfect Barn Equipment," and the service of our architectural department, are free.

The LOUDEN MACHINERY CO.
Dept. 51 - GUELPH, Ont.

FORTY YEARS' REPUTATION

is something that is of incalculable value.

It is plain that we have to be just as careful of the quality of our goods now, to keep up that reputation, as we have been in building it.

And that is your surest guarantee of the uniform excellence of—

GUNNS SHUR CROP FERTILIZER

We have an interesting book about fertilizers—it is yours for the asking.

Gunns Limited, West Toronto

15⁹⁵ AND UPWARD ON TRIAL

AMERICAN CREAM SEPARATOR

A SOLID PROPOSITION, to send fully guaranteed, a new, well made, easy running, perfect skimming separator for \$15.95. Skims warm or cold milk; making heavy or light cream.

Absolutely on Approval.

The bowl is a sanitary marvel, easily cleaned. Different from this picture, which illustrates our large capacity machines. Shipments made promptly from WINNIPEG, MAN., TORONTO, ONT., and ST. JOHN, N. B. Whether your dairy is large or small, write for our handsome free catalog. Address:

AMERICAN SEPARATOR CO. Box 1200 BAINBRIDGE, N. Y.

Balance The Ration With "GOOD LUCK" COTTON SEED MEAL

41-48% Protein.
Price \$34.50 per ton, f. o. b. Toronto.
Send money order or postal note.

CRAMPSEY & KELLY,
Dovercourt Road, Toronto, Ontario
"The Home of High Quality Feeds."

O. A. C. No. 72 OATS

Government tested, for sale by the grower.
F. F. KLINCK, Victoria Square, ONTARIO

Questions and Answers. Miscellaneous.

Annual Report -- Assessment Notice.
In issuing Township's Annual Report of expenditures, etc.:

1. If there is no signed statement of auditors having found accounts correct, how would ratepayers know they were examined? Is it business without, or legal, or otherwise?

2. If any report with signed statement of auditors having found correct, is found deficient, who is responsible for the deficiency?

3. If a notice is sent to ratepayer that he is assessed a certain amount, and states the time of meeting, so he can appeal if overcharged, said notice being dated January, 1913, instead of January, 1914, is that notice valid?

Ans.—1. There should be appended to the report a signed certificate of audit. It would be unbusinesslike and otherwise unsatisfactory to omit it.

2. Probably both Treasurer and Auditors.

3. Yes. The error would be obviously the result of a mere slip.

Oil Cake Meal vs. Roots.

1. Is oil-cake meal at \$30 a ton, cheaper to feed dairy cows and young cattle, than mangels at 12 cents per bushel?

2. Is oil cake a good feed to feed fattening steers, along with oat and barley chop, 3 to 1; all the chaff and oat straw they will eat, and a few mangels?

3. Is it profitable to feed oil cake to hogs which are being fitted for market?

4. Some of my hens are ailing. Their heads are very pale, and they sit around drooping. They crave very much for green food when given to them. I feed grain in morning, soft feed about nine o'clock, also some skim milk or butter-milk at same time; give them a mangel every morning; grain at noon again, and at night. Their manure is very soft. Would the soft feed give this effect?

A SATISFIED SUBSCRIBER.

Ans.—1. Oil-cake meal at \$30 a ton, would still be cheaper than mangels at 12c. per bushel. If you consider the food constituents themselves, the quantity of oil-cake meal that you can feed to an animal is somewhat limited, whereas a large quantity of mangels can be fed to each individual animal with good results. However, in small quantities, the oil-cake meal is superior to the mangels. A mixture of the two is hard to beat. In the issue of February 5th, 1914, there is a comparison drawn between oil-cake meal and turnips in the Question and Answer Department. The constituents in turnips and mangels are very similar, with the exception of carbohydrates, where the turnips are slightly superior.

2. Oil-cake meal would be an excellent addition to your oat and barley chop for fattening steers. It gives them a finished appearance, as well as adds to their weight. It could be economically fed to them.

3. Experiments with feeding oil-cake meal to hogs has been favorable to the use of oil cake. Lots of pigs fed middlings and corn, required from 13 to 16 per cent. more concentrates for 100 pounds gain than those fed oil-cake meal and corn. Another authority declares that pork from pigs fed oil-cake meal was characterized by white hard fat.

4. The few symptoms which you have given are evidently those of tuberculosis. This is becoming more prevalent in the country than people are now aware of, and many deaths occur without the knowledge of the prevalence of this disease. A post-mortem examination of one of these fowls might reveal small, white, elevated tubercles on the liver, glands or internal parts of the fowl. They are the tubercles containing the germs of tuberculosis. Separate all diseased fowls, fumigate and thoroughly cleanse the house, whitewashing it with a mixture containing about five-per-cent. carbolic acid, and, if possible, change the runs of the fowl from those which they have been in the habit of frequenting. This diarrhea is due to the disease, and not to the soft feed.

Feed Your Stock on

PURE CANE MOLASSES

EXPERIENCED stock feeders know the value of Cane Molasses in toning up the stock and finishing fattening animals. It is extremely palatable and much relished by cattle, pigs and horses. By its sweet taste, great palatability and high nutrient content, it is very valuable to mix with other feeds, especially at this season, when the last stages of finishing fattening animals have been reached and when other feed may be growing scarce. Put up in barrels containing about six hundred pounds, also half barrels.

Dominion Sugar Company, Limited
Wallaceburg, Ontario

Complete Dispersion of 65 Holsteins

BALES BROS., OF LANSING P. O., ONTARIO

Having sold their farm on Yonge Street, will, without reserve, on

Tuesday, March 24th, 1914

Sell by auction their entire herd of 65 head of richly-bred, high-producing and showyard-quality Holsteins. 54 head of females. 11 bulls. 16 of the heifers, from calves up to two years of age, are daughters of the famous and intensive bred bull, Sir Lyons Hengerveld Segis, whose five nearest dams have records averaging 27.51 lbs.; his dam and sire's dam over 30 lbs. for 7 days, 126.52 lbs. for 30 days, and an average butter-fat test 3.98%. He is son of the greatest producing sire of the breed, King Segis. The females of breeding age will all be in calf to this bull. The bulls range in age up to 2 years. R. O. P. records: 13,539 lbs. in 10 months; 13,000 lbs. for 2-year-olds; an average for the mature cows on ordinary feed of 60 lbs. per day. A big, high-class lot of cattle in prime condition. Terms: Cash, or 8 months' with 6%.



J. H. PRENTICE,
Auctioneer.

J. C. BALES,
LANSING P. O., ONT.

SALE AT 12.30 SHARP.

Stop 33, on the Metropolitan Electric Road, is at the gate.

Brampton Jerseys

We are doing the largest business we ever did, chiefly with our old customers. Young bulls and heifers from sales with tested daughters. Several imported cows and bulls for sale. Canada's Greatest Jersey Herd

B. H. Bull & Son, Brampton, Ont.

Fairview Farms Herd

Offers for sale: A son of Rag Apple Korndyke 8th out of a daughter of Pontiac Korndyke with a record of 27.72 lbs. in 7 days, averaging 4 1/4% fat. Grand dam has a record of 29 lbs. Calf is nearly ready for service. Write me for description and breeding.

E. H. DOLLAR,

HEUVELTON, N. Y. (near Prescott, Ont.)

HOLSTEIN CATTLE

The Buyer's Opportunity

We have more cattle than we can stable. Some of the finest young bulls and heifers we ever offered; their breeding and quality is the very choicest, they will be sold worth the money. Don't wait to write, but come and see them.

D. C. FLATT & SON, R. R. No. 2, Hamilton, Ont.

L.-D. 'Phone 2471.

LAKEVIEW HOLSTEINS

Senior herd bull—Count Hengerveld Fayne De Kol, a son of Pieterje Hengerveld's Count De Kol and Grace Fayne 2nd. Junior herd bull—Dutchland Colantha Sir Mona, a son of Colantha Johanna Lad and Mona Pauline De Kol. Third bull—King Canary Segis, whose sire is a son of King Segis Pontiac, and whose dam is 27-lb. three-year-old daughter of a 30-lb. cow. Write for further information to—

E. F. OSLER,

BRONTE, ONT.



HOLSTEINS—I can supply a limited number of high producing and highly-bred bulls, bred on both sides from high official backing. Let me know your wants.

W. E. THOMPSON, R.R. No. 7, Woodstock, Ont. L.-D. 'Phone.

When Writing Advertisers Please Mention this Paper.