

LINSEED OIL CAKE MEAL

Old process of the very highest quality.

We have in stock a limited quantity. Get a supply at once while available. Write or wire us for prices.

International Stock Food Co., Ltd.
Toronto, Ontario
Canada Food Board License, No. 12-111

INTERNATIONAL Live Stock Show

Nov. 30th to Dec. 7th

Union Stock Yards, CHICAGO

A Food Production Camp in the Service of the United States.

DAILY SALES OF PUREBRED LIVE STOCK

Red Polled Sale Wednesday, Dec. 4th 10 a.m.	Aberdeen-Angus Sale Wednesday, Dec. 4th 1 p.m.
For particulars write H. A. Martin, Gotham, Wis.	For particulars write Chas. Gray, Union Stock Yards, Chicago.

Polled Durham Sale Thursday, Dec. 5th 10 a.m.	Shorthorn Sale Thursday, Dec. 5th 1 p.m.
For catalogue write J. H. Marts, Greenville, Ohio.	For catalogue write F. W. Harding, Union Stock Yards, Chicago.

Hereford Sale

Friday, Dec. 6th, 1 p.m.
For catalogue write R. J. Kinzer,
1009 Baltimore Ave., Kansas City, Mo.

A Season of Instruction in the Art of Breeding and Feeding of Live Stock Economically.

ANSWER THE NATION'S CALL, and put into practice the lessons this Exposition teaches. Brilliant Evening Shows and A TRIP TO CHICAGO.

Lowest Rates on All Railroads.

Flintstone Farm

Breeders of

Milking Shorthorn Cattle,
Belgian Draft Horses
Berkshire Swine.

We offer animals that will raise herds to a level of wartime efficiency. Bull calves from \$125 up.

DALTON

Massachusetts

Mardella Shorthorns

Herd headed by The Duke, the great, massive, 4-year-old sire, whose dam has 13,599 lbs. of milk and 474 lbs. of butter-fat in the R.O.P. test. I have at present two exceptionally good young bulls ready for service, and others younger as well as females all ages. Some are full of Scotch breeding, and all are priced to sell. Write or call. Thos Graham, R.R. No. 3, Port Perry, Ont.

Shorthorns and Shropshires—We still have a few extra well covered shearing rams. Also a choice lot of ram and ewe lambs. Prices right. We can supply young bulls or heifers, both of which are from high-record dams. P. CHRISTIE & SON, Port Perry, Ont.

Graham's Dairy Shorthorns

I have a choice offering in cows and heifers in calf. Bulls from the heaviest milking strains. Satisfaction guaranteed.

Charles Graham, Port Perry, Ont.

Spruce Lodge Shorthorns & Leicesters Herd headed by the Butterfly-bred bull, Roan Chief Imp. = 30805 = young stock of both sex, together with a choice offering of Shearlings and Ram, and ewe lambs all from Imp. stock. W. A. DOUGLAS, Caledonia, Ont.

Questions and Answers.

1st—Questions asked by bona-fide subscribers to "The Farmer's Advocate" are answered in this department free.

2nd—Questions should be clearly stated and plainly written on one side of the paper only, and must be accompanied by the full name and address of the writer.

3rd—In veterinary questions, the symptoms especially must be fully and clearly stated, otherwise satisfactory replies cannot be given.

4th—When a reply by mail is required to urgent veterinary or legal enquiries, \$1.00 must be enclosed.

Miscellaneous.

Pear Trees Fail to Bear.

I have an orchard of Duchess pears, seven years old, but they have not borne over three bushels altogether. The orchard was cultivated until three years ago, and then let go to sod. We spray every year. The trees were full of blossom this spring, but they did not seem to set. Is it possible that the trees are hidebound?

G. M.

Ans.—It is rather difficult for us to diagnose the trouble without first seeing the trees. It sometimes happens that the trees become unthrifty from the lack of proper soil nutriment. It is possible that at the time the trees were in bloom the weather conditions were such that the bees were unable to work. It appears to us that this is a case of improper fertilization of the blossoms. Unless conditions are such that the bees can work freely, one may expect a small setting of fruit.

Cement for Wall.

1. How much cement will be required for the foundation for a wall 36 feet long, and two forty-foot walls, 8 feet high and 1 foot thick? Two doors, one 8 feet wide and one 12 feet wide, to be deducted.
2. Would it be advisable to breed from the sire of a flock of sheep which have had the scours occasionally during the past two years?

J. T.

Ans.—1. The foundation will require about 34 cubic yards of gravel and 27 barrels of cement, if mixed in the proportion of one to eight. This will allow for an 18-inch footing on which to rest the wall, if it is deemed advisable.

2. If the animal is a strong, thrifty individual, we do not think you would be running very much risk, although we would prefer securing a flock header from a flock that was not subject to this trouble.

Dehorning Cattle.

1. When is the proper time to dehorn cattle?

2. Is there any danger in dehorning cows that are pregnant? Do you advise dehorning when cattle are vicious?

3. What kind of a comb should a purebred single-comb White Leghorn hen have? Should it lop over on one side? Does moulting have the effect of shrinking the comb?

D. L. W.

Ans.—1. Dehorning may be done in moderate weather. Avoid doing it in extreme cold, and it is not advisable to perform the operation during the heat of summer.

2. We would not care to dehorn a cow that was very far advanced in the period of gestation. Where stock are vicious, the removing of the horns prevents the danger of injury.

3. Leghorns grow a large, fine-quality comb, which laps over as a rule. Moulting should not cause the comb to shrink very much.

Gossip.

Among the judges at the 1918 International Live Stock Exposition are appointed the following Canadians: Lincoln sheep, J. T. Lethbridge, Glencoe; Leicesters, A. Whitelaw, Guelph, with W. S. Dunnet, of Lythmore, as alternate; grade cross-bred and champion hogs, W. L. Carlyle, Calgary, Alta.; assistant judge of Clydesdales, Robert Ness, Howick, Que.; assistant judge of Percherons and drafters, Robert Graham, Toronto; Suffolks, Alex. Galbraith, Edmonton, Alta.

The Dominion Experimental Farms purpose continuing the distribution of superior sorts of grain during the coming winter and spring to Canadian farmers. The samples for distribution consist of spring wheat, white oats, barley and field peas; samples containing from four to five pounds, which are sent free by mail to applicants. Each applicant can secure but one sample. If wishing to grow a sample of this selected grain, write the Dominion Cerealists, Central Experimental Farm, Ottawa.

Harness Must Be Dependable

Harness that breaks under strain is a risk to life and limb and besides, it takes time and money to repair it. Get Harness that is "dependable," that holds together and keeps in fine condition under all reasonable circumstances.

IMPERIAL BRAND HARNESS is guaranteed free from defect in material or workmanship. We have been in the harness business for 52 years and our goods have always given unqualified satisfaction. Your dealer sells it; if he doesn't, write direct to us—we can supply you promptly. We are manufacturers and can offer a big assortment at attractive prices. Express delivery charges paid at our end.



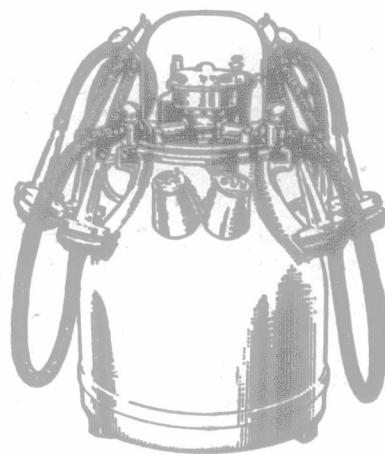
Special Offer

Our "Buggy Special," No. 104, is a big seller. It is thoroughly STRONG, HIGH GRADE AND FINE LOOKING. We particularize on this and have put extra value into it. Select leather of good weight. Single strap Breast Collar, raised layers; strong Traces; Breeching has side, back and hip straps; Saddle has patent leather skirts and jockeys; padded, leather linings and flexible tree and 1 in. swinging shaft bearings; Lines 1 in. with russet hand parts; Trimmings heavily nickel-plated. Solid Nickel, \$2. extra. Genuine hard rubber \$4, extra. Express prepaid to any station on receipt of price. Guaranteed satisfactory or goods may be returned. Order now.

\$28

Samuel Trees & Co., Ltd.
Established 1866. 48 Wellington St. E., Toronto

Had Thirty Cows; Intended Selling



He was tired of the drudgery of hand-milking, tired of hired help always complaining. So he thought of selling his thirty cows. Instead, he got a Burrell Outfit.

BURRELL (B-L-K) MILKER

Now he has increased his herd to 50 cows. He is contented, so is his hired help. He lets them off Sunday, and with his boy does the milking easily.

This is an oft-repeated experience. One average man with two 2-cow Burrell Milkers can milk from 24 to 30 cows an hour, do the work of three hand-milkers and do it well.

Write for the experience of others, to whom you can write.

D. DERBYSHIRE & CO., LTD.
BROCKVILLE ———— ONTARIO

Lake Marie Farm Shorthorns

We have sold nearly all the females we have to spare but still have several good, young bulls of serviceable age all of which are sired by the R.O.P. sire St. Clare. They are priced to sell. We are also pricing a number of registered Dutch Belted cows and heifers.

LAKE MARIE FARMS, KING, ONT.

SIR HENRY PELLATT, Owner

THOS. McVITTIE, Manager

GLENGOW SHORTHORNS

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.

SPRUCE GLEN FARM

Herd headed by Nonpareil Ramsden = 101081 = and Royal Blood = 77521 =. At present we have nothing to sell but we have some very good ones coming on. James McPherson & Sons, Dundalk, Ontario.

WALNUT GROVE STOCK FARM

Scotch Shorthorn Cattle and Oxford down sheep. Herd established in 1840. Herd headed by the great breeding bulls, Gainford Eclipse = 103055 = and Trout Creek Wonder 2nd = 120741 =. Extra choice bulls and heifers of the best Scotch families for sale. Also a few Oxford Ram Lambs. Duncan Brown & Sons, M.C.R. or P.M. Sheddin, Ont.

SHORTHORNS FOR SALE

Ten bulls from 8 to 20 months of age, of the good kind. Also must sell about 25 females before winter. They are the prolific kind and all registered and priced at about half their value for sale. Crown Jewel 42nd still heads this herd. JOHN ELDER, HENSALL, ONTARIO.

MILKING SHORTHORNS

Herd headed by Dominator 10629, whose two nearest dams average over 12,000 pounds of milk in a lactation; cows with records up to 11,000 pounds of milk in a year. Bulls ready for service for sale. Heifers and cows for inspection. Weldwood Farm, Farmer's Advocate, London, Ontario.

Shorthorns

Herd headed by Pride of Escana, a great son of Right Sort. Several bulls and a few females with calves at foot for sale. Herd of over seventy head.

A. G. FARROW (between Toronto and Hamilton), Oakville, Ont.