

"MAPLE LEAF" OIL CAKE MEAL FINE GROUND OR NUTTED

MADE IN CANADA
FEED IT WITH
EVERY MEAL

Great Britain could never have attained its eminence in beef and dairy products without linseed cake. On the larger farms, one to five thousand dollars a year is expended in these cakes. In the famous Darlington beef and dairy district, the fattening ration for cattle is from 7 to 14 pounds of linseed cake a day, with a mixed feed of roots, oats, barley and mill feed. Sheep and milk cows both get oil cake to the extent of about 2 pounds a day.

Prof Frank T. Shutt, M.A. Chemist of the Dominion Experiment Farm, Ottawa, submitted a table showing proportionate fattening and flesh-producing qualities of the following feeding substances in general use.

Feeding Stuffs	Protein (Flesh Producers)	Fat (Fat Producers)
Linseed Cake (ground)	32.9	7.9
Buckwheat	10.0	2.2
Corn	10.3	5.0
Oats	11.8	5.0
Wheat	11.9	3.1
Barley	12.4	1.8
Shorts	14.9	4.5
Brass	15.4	4.0
Midlings	16.6	4.0
Pea Meal	21.2	1.4
Bean Meal	23.1	2.2

Protein is the most costly, necessary and valuable element in food.

Write to-day for our free booklet, "Facts to Feeders."

**CANADA LINSEED OIL MILLS
LIMITED
TORONTO AND MONTREAL**

Alloway Lodge Stock Farm
Aberdeen-Angus Cattle, Southdown
Sheep, Collie Dogs

Some right good young Angus
bulls and heifers for sale.

Robert McEwen - Byron, Ontario

Sheep, Swine and Seed Corn—Young stock of both sexes in Dorset Horn and Shropshire sheep and in Swine: Poland Chinas, Duroc Jerseys, Berkshires and Chester Whites. Also Seed Corn, all varieties. Consult me before buying. Cecil Stobbs, Leamington, Ont., Phone 281, M.C.R., P.M. & Electric Ry.

OXFORD DOWN SHEEP

Shorthorn Cattle, Yorkshire Hogs—Present offering: Lambs of either sex. For prices, etc. Write to John Cousins & Sons, "Buena Vista Farm," Harriston, Ontario

Morrison Tamworths and Shorthorns—Bred from the prize-winning herds of England. A choice lot of young sows to farrow in April, dandies and young boars, also choice young bulls and heifers in calf sired by Proud Royalist (Imp.) from extra choice milkers. Chas. Currie, Morrison, Ont.

Registered Chester White Swine

Pigs six weeks of age, pairs or trios not akin. Young sows just ready to breed. Shipments made on approval.
Wilson McPherson & Sons, St. Ann's, Ont.

BERKSHIRES AND JERSEYS

Berkshires from prize-winning dams, Guelph and Toronto. Herd headed by Mountain Pat, 1st aged class and champion at Toronto in Aug. and Nov. and at London, 1913. Young stock for sale; prices low. Ira Nichols, Box 988, Woodstock, Ont.

Pine Grove Yorkshires—Bred from prize-winning stock of England and Canada. Have a choice lot of young pigs of both sexes, pairs not akin to offer at reasonable prices. Guaranteed satisfaction.
Joseph Featherston & Son, Streetsville, Ont.

TAMWORTHS

25 young sows, bred for spring farrow and a few choice young boars, registered. Write for prices before buying elsewhere.
John W. Todd, R.R. No. 1, Corinth, Ont.

Tamworths For Sale—Both sexes. We have a fine lot of young pigs of both sexes, pairs not akin to offer at reasonable prices. Guaranteed satisfaction.
B. Armstrong & Son, Codrington, Ontario

Cloverdale Large English Berkshires

Sows 1 to 4 other ready to breed, boars ready for service. We have stock, both sexes, pairs not akin. All born in Canada, bred from purebred stock. Prices reasonable.
C. J. Lang, Burkton, Ont. R.R. 3

IMPROVED YORKSHIRES

We are raising a fine lot of young pigs of both sexes, pairs not akin to offer at reasonable prices. Guaranteed satisfaction.
P. J. Lang, Burkton, Ont. R.R. 3

Questions and Answers. Miscellaneous.

Spray for Plum Trees.

Kindly tell me what would be suitable to spray plum trees with. T. A.

Ans.—Bordeaux mixture or lime-sulphur wash with some arsenical is what is used for such purpose. Refer to the Spray Calendar published in the issue of March 25, 1915.

Daffodils and Hyacinths.

Will daffodils and hyacinths, after having blossomed one spring, grow and blossom again from the same roots, and if so, how to take care of them? A. W. M.

Ans.—They will grow and blossom again year after year. All that is required is to keep them clean and to thin out or move them if they get too thick.

Lime-stone Queries.

1. Would you kindly let me know, through the columns of your paper, some of the uses of crushed lime stone?

2. Its value?

3. Some of the places of its manufacture?

4. A company manufacturing machinery for the purpose? A. W.

Ans.—1. Agriculturally, crushed limestone is used to make good deficiencies of lime in cultivated soils. Some soils naturally contain little lime, and all soils under cultivation are continually losing lime, owing to the fact that it is being gradually rendered soluble and lost in the drainage water. Consequently, in a longer or shorter time, depending upon the amount of lime originally present, and on the cultivation, cropping and manuring followed, all soils must become deficient in this constituent. In the older parts of the Province, especially on light, sandy soils, there is now great need of lime. In some sections, such as the neighborhood of Guelph, there is a large quantity in the surface soil; but there is every evidence that the lime is working downwards, as there is very much more of this constituent in the sub-soil than in the surface soil. Once the available lime disappears, the soil becomes acid or sour, and it cannot give good results until this condition is corrected. An application of crushed limestone will neutralize the acid, and thus not only improve the physical condition of both sands and clays, but it makes it possible for the nitrifying and nitrogen-gathering organisms of the soil to do their work. Furthermore, lime is an essential plant-food constituent, and it acts as a liberator of potash, i. e., it causes certain chemical changes to take place in the soil whereby potash is rendered available. These are some of the ways in which ground limestone may be useful agriculturally.

2. It is being offered for sale at three dollars per ton, and, in some places at very much higher figures. The more finely it is ground the quicker it will act in the soil. However, fineness in grinding is not the reason for the differences in prices. As the cheapest limestone dust we have seen has also been the finest. Nor does it necessarily follow that the finest material is the best. Possibly if the larger particles are the size of granulated sugar, and all the fine material that has been produced in this process of reduction is present, it will be fine enough.

3. In Ontario, ground limestone is being prepared for agricultural purposes by the following firms: The Crushed Stone Company, 47 Yonge Street, Toronto; The Henderson Farm Limestone Company, Beachville, Ont.; Smith Brothers, Beachville, Ont.; The Canadian Quarries, Ltd., Hamilton, Ont.; The International Agricultural Corporation, Caledonia, Ont.; Branch, Buffalo, N. Y.; The Stinson Reed Company, of Montreal, are also grinding limestone for this purpose, and other firms are contemplating entering the market.

4. The Rock & Power Machinery Company, who have a branch office at the King Edward Hotel, Toronto, are prepared to make machinery for this purpose.

The Allen Chalmers Manufacturing Company, Milwaukee, Wisconsin, U. S. A., manufacture special machinery for this purpose. R. H.



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In Duroc Jerseys we have either sex of any desired age, bred from winners and champions for generations back. In Jerseys we have young cows in calf, and young bulls, high in quality and high in producing blood.

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H. J. Davis, Woodstock, Ont. Long-distance Phone. C.P.R., G.T.R.

NEWCASTLE TAMWORTHS AND SHORTHORNS
Boars and sows all ages, sows bred, others ready to breed, all descendants of Imp. and Championship Stock. Several choice young bulls from 10 to 16 months old and a few calves recently dropped, all at reasonable prices.
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From our recent importation of sows, together with the stock boar Suddon Tormentor we can supply select breeding stock, all ages. Satisfaction and safe delivery guaranteed.
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We are offering for immediate sale: 25 choice boars ready for service, 25 young sows bred. These are of first quality from our prize-winning herd.
E. BRIEN & Sons, Proprietors RIDGETOWN, ONTARIO