

Don't Sell the Young Calf
BLATCHFORD'S CALF MEAL
 Will Raise It Without Milk



There's big money and little trouble in raising your calf the Blatchford way. You save all the milk of the cow for milk. As soon as the mother cow's milk is ready to sell, the calf is ready for **BLATCHFORD'S CALF MEAL**. For over a century the recognized milk food for calves, at one-fourth the cost of milk. Composed of eleven different ingredients carefully proportioned and thoroughly cooked, producing a scientifically balanced ration for the young calf. Successfully used on thousands of American farms for over 50 years.

The Only Milk Equal Made in an Exclusive Calf Meal Factory. Unlike any of the so-called Calf Meals Made of Raw Cereal By-Products.

Write for Free Illustrated Book on "How to Raise Cows Cheaply and Successfully Without Milk."
BLATCHFORD'S CALF MEAL FACTORY
 Steele Briggs Seed Co., Toronto Waukegan Ill.

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Rice's Salt
 The purest and best for table and dairy use.
 North American Chemical Company, Limited
 Clinton - - - - Ontario.

Oxford Down Sheep
 "The Champion Oxford Flock of America"
 Winners at Chicago International, Toronto, London, Winnipeg, Regina, Brandon, Saskatoon, Edmonton, Calgary and Lethbridge Fairs. Present offering—7 rams and ewe lambs, 46 yearling ewes (some fitted for shows), also 15 yearling rams which will make excellent flock headers. Consult us before buying.
 Peter Arkell & Sons, Teeswater, Ontario

Alloway Lodge Stock Farm
 Aberdeen-Angus Cattle, Southdown Sheep
 Collie Dogs.
 Some right good young Angus bulls and heifers for sale.
 ROBT. McEWEN, - - - BYRON, ONT.
 Near London

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 284, M.C.R., P.M. and Electric Ry.

CHESTER WHITE SWINE
 For Sale—High class sows from 9 to 18 months of age bred to farrow in March. Also my stock of Nubian Sam, 21 months old, a right good boar. Another to month old. JOHN POLLARD, Norwich, Ont. - - - R.R. No. 4

Morrison Tamworths and Shorthorns
 Bred from the prize-winning herds of England. A choice lot of young boars fit for service and also young sows bred, and also a choice lot of young bulls and heifers bred by Proud English. Bred from champion sires Chas. Currie, Morrison, Ont.

Hampshire Swine and Lincoln Sheep
 Also other improved stock. Pure bred.
 C. A. POWELL, - - - - Ontario
 Ettrick - - - - R.R. No. 1

TAMWORTHS
 Several very choice sows bred for early spring litters also one boar ready for service.
 HERBERT GERMAN, - - - ST. GEORGE, ONT.

ELMFIELD YORKSHIRES
 My special for sale just now is young bred sows and sires of breeding age. G. sires and G. dams all imported, the sires are choice young sows.
 G. B. MUNIA, Agr. P.O. & Sta., Ont. R.R. No. 1

CLEARVIEW, CHESTER WHITES
 For many years my herd has won the highest honors at Toronto, London, Ottawa and Guelph. For sale are both sexes of any desired age, bred from champions.
 D. DeCoursey, Mitchell, Ont. - - - R.R. No. 8

Cloverdale Large English Berkshires
 Sows bred to farrow in March. Also my stock of Nubian Sam, 21 months old, a right good boar. Another to month old. JOHN POLLARD, Norwich, Ont. - - - R.R. No. 4

Sunnyside Chester White Swine
 Stock Farm. Also other improved stock. Pure bred.
 W. L. WRIGHT & SON, - - - - Ontario

TAMWORTHS
 Bred from the prize-winning herds of England. A choice lot of young boars fit for service and also young sows bred, and also a choice lot of young bulls and heifers bred by Proud English. Bred from champion sires Chas. Currie, Morrison, Ont.

Mention The Advocate

Questions and Answers.
 Miscellaneous.

Pigs With Cough.
 Pigs four months old have a cough, breathe heavily and become thin, one has died. I purchased a litter a few days ago and they all coughed. I kept one sow for breeding. This sow is the dam of the litter that is coughing now. She still coughs, but is thrifty. She will farrow again in March. R. S.

Ans.—The cough is infectious. See answer to E. P. this issue.

Millet and Quack Fertilizers
 Chauffeur.

1. Will millet kill quack grass?
2. Where could I get a book on mixing fertilizers?
3. What age must a person be to run an automobile?

Ans.—1. Not without a great deal of previous cultivation and cleaning of the land.
 2. A book could be obtained through this office which would give directions, among a great deal of other valuable information. Directions are also given in fertilizer articles in "The Farmer's Advocate" from time to time.
 3. Fifteen years of age.

Building Pig Pens.

1. What width do I have to put cement divisions in a pig pen so that they each hold a 1x4 pig iron post, in a 40-foot building, pen to set on each division to feet apart?
2. What mixture should cement be?

Ans.—1. Six inches thick should hold it if the building is not too heavy. If there was any doubt about it, eight inches would be very heavy for the purpose. It might be that you could do, in a 40-foot building, with less than six.
 2. One to six or eight, well mixed, would stand. Possibly the stronger mixture would be preferable.

Patent Apples.

1. Would you kindly inform me how to go about securing a Canadian patent, to whom to write, etc.?
2. What are the best winter apples to plant other than St. Hubert for this section of country?
3. Will fall and winter apples prefer each other?

AN OLD 84 BROTHER
 Ans.—1. Write the Patent Office, Parliament Building, Ottawa.
 2. Duchess and Wealthy for early and early fall. Empress and McIntosh for late fall or early winter. A number of other good and few winter varieties are recommended. Write Prof. Manning, Ottawa, for names of seedling apples and some seedlings.
 3. Not likely as they require a hard winter to ripen. In Canada the winter is not severe enough.

Holstein Cows.

How should I care for my Holstein cows and how should I care for my good cow to produce milk and keep her healthy?
 Ans.—1. See the question on page 107 of this issue for a list of the best places and dates for buying Holstein cows. 2. See the question on page 107 of this issue for a list of the best places and dates for buying Holstein cows. 3. See the question on page 107 of this issue for a list of the best places and dates for buying Holstein cows.

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It's a wonder—at saving money and labor—several exclusive features—tested.

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Get the agency in your district if not already covered. Write now.

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WE SELL ANIMAL BAIT TRAPS GUNS &c. AT LOWEST PRICES

JOHN HALLAM LIMITED Write To-day—Address Desk F 72
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Maple Villa Oxford Down Sheep
 Yorkshire Hogs

Sired by Adonis Imp. 57195, and out of ewes that have won many prizes at big and local shows. I have high-class flock-headers and high-class ewe lambs, also shearlings, of both sexes. Yorkshires both sexes, any age.

J. A. Cerswell, R. R. 1, Beeton, Ontario

Farnham Farm Oxford Downs
 "The Oldest Established Flock in America"

We are making a Special Offer for 30 days of 50 first registered yearling ewes bred to imported rams to lamb in April. Also 50 rams lambs amongst the best of big, strong-boned for flock-headers. Also a few nice ewe lambs, and a few good Yorkshire ram lambs. C.P.R., Guelph and Arkell. Phone: Guelph, 240 ring 2. G.T.R., Guelph St. and Telegraph
 Henry Arkell & Son, Route 2, Guelph, Ontario

Shropshires and Cotswolds

I have just received an extra large, well-bred lot of sheep, also 100 shearling ewes and a few good Yorkshire ram lambs from my improved rams. Will be pleased to book orders for a year's supply of any kind wanted. JOHN MILLER, R.R. No. 2, CLAREMONT, ONT. Claremont Station, C.P.R., 3 miles Pickering Station, G.T.R., 7 miles Greenburn Station, C.N.R., 4 miles

Large White Yorkshires

Have a choice lot of sows in pig. Boars ready for service and young pigs of both sexes supplied not a knut at reasonable prices. All breeding stock imported or from imported stock from the best British herds. Write or call. H. J. Davis, Woodstock, Ont. Long-Distance Phone, G.P.R. and G.T.R.

NEWCASTLE TAMWORTHS AND SHORTHORNS

Boys and sows all ages for sale, bred by the blood, all of the best and Champion stock. Several choice young bulls from 10 to 18 months old, also several calves recently dropped, all at reasonable prices.

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Yorkshires and Berkshires

Also other improved stock. Pure bred.
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 Phone Local No. 5, Tr. No. 1

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From our 1200 registered and some 1000 unregistered Suffolk, Torontonian, and other improved, and all ages. Sires and dams all imported and all of the best. H. M. VANDERLIP, Breeder and Importer, CAMSHALE P.O., ONTARIO
 London Station and Brantford Station

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Also other improved stock. Pure bred.
 Wm. Manning & Sons, Woodville, Ont.

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In Duroc line we have our best, at any desired age, bred to the best and champions for years from back. In Jersey line we have our best, at any desired age, bred to the best and champions for years from back. In Jersey line we have our best, at any desired age, bred to the best and champions for years from back.

MAG. CAMPBELL & SON, - - - - NORTHWOOD, ONTARIO

BERKSHIRES

Also other improved stock. Pure bred.
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