

Central Canada Exhibition

OTTAWA

Sept. 9th to 16th, 1916

\$25,000—Live Stock Prizes—\$25,000

Entries positively close Monday, Sept. 4, 1916.
Greatest exposition of the Agricultural Products of Canada yet made.

Horse Races, Dog Show, Poultry Show

Magnificent Grand Stand Performance and Ring Attractions—Afternoon and evening.

Brilliant Fireworks and Spectacle—Battle of Falkland Islands—Every night.

Reduced rates on all railways.

Send for Prize Lists and information to:

JOHN BRIGHT
President.

J. K. PAISLEY
Mgr. and Sec'y.

Good Luck

COTTON SEED MEAL
CALF MEAL OIL CAKE MEAL
FLAXSEED GLUTEN MEAL
POULTRY FEEDS

Write for prices

CRAMPSEY & KELLY
Dovercourt Rd., Toronto, Ont.

HIGHEST PRICES PAID FOR

WOOL

HIDES, SKINS, HORSEHAIR,
WRITE FOR OUR PRICES BEFORE SELLING
FREE SPORTSMEN'S CATALOG
OF GUNS, TRAPS, NETS,
FISHING TACKLE, &c.
JOHN HALLAM, LIMITED
No. 3 HALLAM BUILDING - TORONTO

Choice Tamworths

Boars and sows of all ages,
bred from best prize stock.
Prices right. Write:

HEROLD'S FARMS, Beamsville, Ont.

Alderley Edge Yorkshires

Young pigs both sexes for sale.
J. R. KENNEDY, Knowlton, Que.

ELMFIELD YORKSHIRES
Choice ones—ranging from 2½ to 5 months. Will be ready for fall service. Prices right.
G. B. Muma, R.R. 3, Ayr, Ont. Paris, G.T.R. Ayr, C. P. R., Telephone 55 R 2, Ayr Rural.

Morrison Tamworths and Shorthorns—Bred from the prize-winning herds of England. Tamworths, both sexes. 12 young boars fit for service. 12 young sows to farrow in August. Choice Shorthorns of the deep-milking strain.
CHAS. CURRIE, Morrison, Ont.

Meadow Brook Yorkshires. Sows bred, others ready to breed. 20 sows, 3 to 4 months old and a few choice young boars. All bred from prizewinning stock. Also 1 Shorthorn bull, 18 months old.
G. W. MINERS, R. R. 3, EXETER, ONT.

Pine Grove Berkshires

Sows bred and ready to breed. Boars fit for service. Young things, both sexes, from my prizewinning herd.
W. W. Brownridge, R.R. 3, Georgetown, Ont.

PROSPECT HILL BERKSHIRES
Young stock, either sex, for sale from our imported sows and boar. Also some from our show herd headed by our stock boar, Ringleader. Terms and prices right.
John Weir & Son, Paris, Ont. R. R. No. 1.

AVONHURST YORKSHIRES

Two choice litters, both sexes, from one of the most prolific strains in Canada. They're fit to win, too.
B. ARMSTRONG & SON, Codrington, Ont.

TAMWORTHS

Particularly nice young sows and boars, three months old.
ANGUS BEATTIE, R. 1, Wilton Grove, Ont.

TAMWORTHS

Young sows bred for September farrow, and some nice young boars. Write:
JOHN W. TODD, R.R. No. 1, Corinth, Ont.

Yorkshires and Shorthorns—We are offering two choice Killean Beauty bulls, one from the imp. cow, Scotch Thistle. Also a choice lot of young Yorkshire pigs of both sexes, from a litter of eighteen, out of a 600-lb. dam.
A. McKinnon, Erin, R. M. D. Hillsburg or Alton station. Long-distance phone.

Questions and Answers.

Miscellaneous.

Churning Difficulties.

I have had trouble with my churning lately, and would like to know what would be the cause. I have to churn about three-quarters of an hour to get butter, then when I run the butter-milk off it is yellow and seems just like cream, so I don't think I am getting the amount of butter I ought to.

A READER.

Ans.—It is sometimes difficult to ascertain the cause of trouble in getting butter to gather properly. There is frequently more or less difficulty when cows are nearing the end of their lactation period, or when fed exclusively on dry feed. The richness of the cream and the way it is ripened are factors that must be considered. A poor cream seldom churns as easily as a fairly rich cream. Butter-fat in cream that becomes too sour may not all be gathered from the buttermilk. If the cream is thin try moving the cream screw of the separator to skim a richer cream. Cool each day's cream before adding it to the rest. Stir occasionally and try heating to 185 degrees, and then cool to churning temperature and add a starter to ripen the cream. Use a thermometer and have the cream at the proper temperature before commencing to churn.

Ensiling Alfalfa—Percentage Butter-fat in Milk.

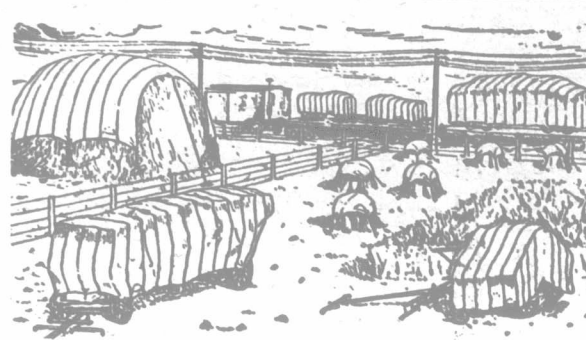
1. Would it be advisable to put alfalfa in a silo in August and fill with corn in September?
2. Is there a law in Ontario governing the percentage of butter-fat milk must contain to be retailed in towns? If so what is it?
3. A hires with B for a year, commencing work in March. At the end of four months A is offered more wages and leaves, giving four days' notice. Can A collect wages? If so what portion?

Ans.—1. It has been done. No doubt a few inches of the top silage exposed to the air would spoil and would have to be thrown out before putting in the corn.
2. There is a section in the Dairy Act which gives municipalities power to set their own standards, but milk for human consumption must not contain less than 12 per cent. solids, of which 3 per cent. is fat.
3. From the information given A cannot legally collect wages if he leaves before his time is in without B's consent. However, a court might allow the man a fair wage for the time put in. If B gives his consent to A leaving, then it is a matter of agreement between A and B as to wages to be paid.

Caustic Potash for Dehorning Calves—Book on Feeds and Feeding.

1. Let me know where the book by Prof. Henry on Feeds and Feeding can be secured. I would like to get a copy of it.
2. I noticed in "The Farmer's Advocate" where a writer mentioned using a stick of caustic to prevent calves' horns from growing. Could you give me further information about what kind of caustic is used, how and how often is it applied and at what age of the animal should it be applied?

Ans.—1. The book on Feeds and Feeding can be secured through this office for \$2.25 post paid.
2. The material used is caustic potash. Dehorning by potash is usually done before the animal is two weeks old or as soon as the button-like embryo can be located on the calf-poll. The hair surrounding the spot should first be clipped off, and the parts moistened with soapy water. When using the potash in stick form it should be wrapped to protect the hand, and the exposed end moistened and rubbed gently on the buttons until they become sensitive and red, but not to the extent of bleeding. Care must be taken that the dissolved potash does not run down the side of the head, as there is danger of burning and permanently disfiguring the calf. One treatment is usually sufficient.



Canvas Covers and Tents

of all kinds direct to consumers at factory prices.

Veteran Stitched Canvas Belts,

Hose, Tank Pumps, and all Threshers' Supplies.

Send for catalogue.

WINDSOR SUPPLY COMPANY, WINDSOR, ONT.

H. ARKELL

W. J. ARKELL

F. S. ARKELL

Summer Hill Stock Farm

Largest and oldest importers and breeders of

OXFORDS

in Canada. Look up our show record, it will give you an idea of the kind of Oxfords we have for sale.

PETER ARKELL & SONS, Proprietors, Teeswater, Ont.
Customers, beware of imitations of this advertisement.

Summer Hill Farm

THE HOME OF THE FAMOUS OXFORD

We breed and import Registered Oxfords. Rams and ewes in any quantity for sale. All recorded. Positively no grades registered as pure-breds.

Also no grades handled except by order.

PETER ARKELL & CO., Props.

Box 454, Teeswater, Ontario

Oxford and Hampshire Down Sheep

Farnham Farm The oldest established flock in America

Having quit the show ring we hold nothing back. Our present offering is a number of superior yearling and two-shear rams for flock headers, a carload of yearling range rams, a hundred first-class yearling ewes; also a fine lot of ram and ewe lambs of 1916.

ALL REGISTERED

HENRY ARKELL & SON,

ROUTE 2,

GUELPH, ONTARIO

BLAIRGOWRIE SHROPSHIRE AND SHORTHORNS

PRESENT OFFERING:
100 Imported Shearling Ewes
25 Imported Shearling Rams
75 Canadian-bred Shearling Ewes

75 Canadian-bred Shearling Rams
20 Cows and Heifers in Calf
5 Bulls of serviceable age

JOHN MILLER,
Ashburn, Ont.
Myrtle Sta., C.P.R. & G.T.R.

CLOVERDALE LARGE ENGLISH BERKSHIRES

Sows bred, others ready to breed; boars ready for service; younger stock, both sexes, pairs not akin. All breeding stock imp. or from imp. stock. Prices reasonable.

C. J. Lang, Burketon, Ont. R. R. 3

Newcastle Herd of Tamworths and Shorthorns—Stock boar and 2 aged sows for sale; fit for any show ring; also boars ready for service, and a number of sows bred for Aug. and Sept. farrow; others ready to breed, both sexes ready to wean; all descendants of imported and championship stock. A few choice bull calves, from 2 weeks up to a year old, from great dual-purpose cows; several extra good cows, with or without their calves; also heifers in calf to Broadlands, my present stock bull. Show stock a specialty. Prices reasonable. Long-distance phone.
A. A. COLWILL, R.M.D. No. 1, Newcastle, Ont.

BERKSHIRES

ADAM THOMPSON

My Berkshires for many years have won the leading prizes at Toronto, London and Guelph. Highcleres and Sells, the best strain of the breed, both sexes, any age.

R. R. No. 1,

Stratford, Ontario

Shakespeare Station, G.T.R.

Lynnmore Stock Farm

Our present offering is young breeding Berkshires, both sexes and any desired age, sire and dams imported, high-class in type and quality and priced right. Also one 2-year-old imported dairy-bred Shorthorn bull with official backing for generations back.

F. W. Cockshutt,

Brantford, Ont.

Maplehurst Herd of Tamworth Swine

In the last ten years at the Canadian National, Toronto, Ottawa, London and the Guelph Winter Fair.

D. DOUGLAS & SONS,

R. R. No. 4,

MITCHELL, ONTARIO

Quality in YORKSHIRES

RICHARDSON BROS.

FOR SALE—We have a number of choice sows bred and others of breeding age; also a limited number of young boars.

COLUMBUS, ONT.

ELMHURST LARGE ENGLISH BERKSHIRES

From our recent importation of sows, together with the stock boar, Suddon Torredor, we can supply select breeding stock, all ages. Satisfaction and safe delivery guaranteed.
H. M. VANDERLIP, Breeder and Importer, R.R. 1, Brantford, Ontario
Langford Station on Brantford and Hamilton Radial.

YORKSHIRES

Our offering never better. Champion hog winner of 12 firsts, 5 championships, two years showing, still at the head. Boars and sows, all ages, same breeding as winners of export bacon in keen competition at Toronto in 1915.

WM. MANNING & SONS, Woodville, Ontario

Oak Lodge Yorkshires

We are in a position to supply boars and sows of different ages. We have an established type of Yorkshires that has been produced through many years of careful breeding and selection.

J. E. BRETHOUR & NEPHEWS, Burford, Brant County, Ont.

Duroc Jersey Swine, Jersey Cattle

In Duroc Jerseys we have either 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.

MAC. CAMPBELL & SONS, Northwood, Ontario