

HAY

SHIPPERS! Consign your carloads to
The E. L. RICHMOND CO.
DETROIT
The Old Reliable Firm. In business a quarter of a century.
References—Any Bank.

Twenty-five Years Breeding REGISTERED JERSEYS and BERKSHIRES

We have bred over one half the world's Jersey champions for large yearly production at the pail. We breed, and have in service, the two grand champion Berkshire boars. If you need a sire for improvement, write us for literature, description and prices.
HOOD FARM, LOWELL, MASS.

Summer Hill Oxfords



The Sheep for the Producer, Butcher and Consumer.
Our Oxfords Hold an Unbeaten Record for America.

We have at present a choice offering of yearling ewes and rams, as well as a lot of good ram and ewe lambs—the choicest selection of flock-heads and breeding stock we have ever offered. Look us up at the exhibitions.

PETER ARKELL & SONS

R. R. No. 1 Teeswater, Ontario
H. C. Arkell W. J. Arkell F. S. Arkell

Cloversdale Shropshires and Berkshires—40 shearing rams, 70 shearing ewes; an exceptionally choice lot, true to type and well grown, nearly all sired by the show ram; Nock 16 imp. In Berkshires, the usual strong offering, including sows just bred. C. J. LANG, BURKETON, ONT.

Shropshires and Clydesdales—Besides my regular offering of ram and ewe shearings, I have the 3-year Clydesdale stallion, Cairnbrogie Heir 18299. Write quick, don't wait.
W. H. PUGH, Myrtle Station, R.R., Ontario

Leicesters and Shorthorns—A grand lot of shearings and lambs for sale this season. Also a few Shorthorn bulls and heifers. Good individuals and choice breeding.
G. B. ARMSTRONG, Teeswater, Ont.

Newcastle Herd of Tamworths and Shorthorns Boars ready for service. Some bred and ready to breed; 2 splendid sows carrying their 2nd and 3rd litters. Boars and sows not akin, ready to wean. Mostly descendants of Colwill's Choice, 3-year champion at Toronto Industrial, and imp. Cholderston Golden Secret. A few nice Shorthorn heifers in calf, deep-milking strain. Young cows with calves at foot. Long-distance phone.
A. A. COLWILL, Proprietor, R.R. No. 2, Newcastle, Ont.

TAMWORTHS

Young sows bred for Sept. farrow and a nice lot of young boars for sale. Write:
John W. Todd, R. R. No. 1, Corinth, Ontario

Yorkshire Hogs of best winning strains. Choice stock for sale, all ages. Sows bred and ready to breed. Younger stock, both sexes, from suckers up. Nearly all varieties of Turkeys, Ducks, Geese and Chickens.
T. A. KING, Milton, Ont.

I have a choice offering of
Sows, 3 to 5 months old
a few boars 3 months old and a good year-old hog. Priced to sell.
G. W. Miners R. R. No. 3, Exeter, Ont.

CHESTER WHITES
Now offering an imported litter, sired by Schoolboy 17, Junior champion Michigan, Ohio, and Ill. Dam sired by the Grand Champion of Missouri, Ohio and Michigan State fairs.
John G. Annesser - Tilbury, Ont.

Morrison Bred from the prize-winning herds of England. Tamworths, both sexes; boars from 2 to 12 months. Shorthorn bulls, from 5 to 10 months old, reds and roans—dandies.
CHAS. CURRIE, Morrison, Ontario.

Sunnyside Chester Whites and Dorsets. In Chester Whites we have both sexes, any age, bred from our champions of many years. In Dorsets we have ram and ewe lambs by our Toronto and Ottawa champion, and out of Toronto, London, and Guelph winners. W. E. Wright & Son, Glanworth, Ont.

Springbank, Ohio, Improved Chesters
Young sows, bred to Sunny Mike =15917=, first at Toronto in 1917. All ages, both sexes, at all times. Satisfaction guaranteed. Inspection invited.
Wm. Stevenson & Son, Science Hill, Ont.

Questions and Answers. Miscellaneous.

Breeding Spring Lambs.

I have some well-developed ewe lambs. Is it good practice to breed them this fall? J. B.

Ans.—It is not considered good practice to breed spring ewe lambs the following fall. In the end you will be further ahead to allow your ewe lambs to become more developed.

Recipe for Whitewash.

What is a recipe for whitewash for a stable? The stable has become infested with the hen louse. G. W. H.

Ans.—Take half a bushel of unslaked lime, slake with warm water and cover to keep in the steam; strain the liquid through a fine sieve or strainer, add a peck of salt previously dissolved in warm water, 3 lbs. of ground rice boiled to a thin paste and stirred in boiling hot, then add ½ lb. of Spanish whiting, and 1 lb. of glue which has been previously dissolved in boiling water. Add 5 gallons of hot water to the mixture, stir well, and allow to stand for a few days before using. Crude carbolic acid to the extent of five per cent. of the solution may be added to the wash to destroy vermin.

Railway Rights.

An electric railway has a right-of-way at present which runs as a boundary line between a number of farms. The company propose purchasing a new right-of-way (and abandoning the old one) a short distance away from the old one for the purpose of improving the line.

1. Can the company legally force the sale of said lands, that is, have they the same purchasing rights as any other company building a new line and having a special charter?

2. Can they submit any differences in agreement of price of said land to arbitration or the Railway Board for decision?

3. Can they legally abandon the old right-of-way and not assume the responsibility of keeping up a fence if we so desire? L. D. W.

Ans.—1. No; they may do what is proposed, after notice to the persons interested, but only with the consent of the Railway Board.

2. Yes, to arbitration, after the consent of the Board to the acquisition of the land has been obtained.

3. This ought to be provided for and adjusted as a term of the Board's consent.

Market Quotations.

I noticed in the live stock market reports that the prices are quoted for live weight. What is the rule for estimating the weight of an animal by measurement? Should prices at country points be very much lower than those quoted in market reports? How could one get an idea of the correct value of an animal? S. B.

Ans.—As a rule stock is sold at so much per head or so much per cwt. As to what one should receive for the dressed carcass of an animal of similar quality would depend on the age of the animal and on the degree of finish. Cattle will dress out from fifty-eight to sixty per cent. Owing to the small amount of bone, hogs will dress out a higher percentage. The live weight of an animal cannot accurately be estimated by the tape-measure, but the following rule is claimed to give approximately the weight of an animal: The animal's body is considered as a cylinder. The diameter of this cylinder must be estimated, which is 22/7 that of the circumference. This is then squared and multiplied by .7854, which gives the area of the end of the cylinder. This must be multiplied by the length in inches to give the cubical contents. This amount is then divided by 576 to get the number of imperial stones, and then multiplied by 14 to get the weight in pounds. Another rule which is very simple is to multiply the girth in inches immediately behind the shoulder by the length of the animal in inches, and divide by 144. If the girth is from 3 to 5 feet, multiply by 16; if from 5 to 7 feet, multiply by 23 in order to get the number of pounds live weight. Commission and freight charges must be deducted from the market quotations at central points. There are commission houses at any of the large markets which will handle a person's live stock. In this way the producer gets the highest market price, less freight and commission charges.



Plan to attend Western Ontario's Popular Exhibition

\$30,000 IN PRIZES \$1,500 added this year

Full Programme of Attractions twice daily
Two Speed Events daily Fireworks each night
Great Pure Food Show in Process Building
Plenty of Music, Education, Entertainment and Midway Merriment

WESTERN FAIR

LONDON CANADA

Sept. 6th to 14th 1918

N. B.—New automobile entrance cor. Dundas and Eglinton Sta. Admission \$1, covers auto and driver, including parking of car. Prize List, Entry Forms, Application for Space, and all information from the Secretary

Lt.-Col. W. M. Gartshore, President

A. M. Hunt, Secretary

Over Half a Century of Success

BRAMPTON JERSEYS

We bred and owned the dam, and imported the sire of the champion R.O.P. butter cow of Canada. We own the champion four-year-old R.O.P. butter cow of Canada. To make room for 1918 importation, expected to arrive in May, we are making special offerings of females and bulls, all ages.

B. H. BULL & SON

BRAMPTON, ONTARIO

THE EDGELEY CHAMPION HERD OF JERSEYS

Write us about your next herd sire. We now have sons of our present herd sire, Edgeley's Bright Prince, who is a son of Canada's champion butter cow, Sunbeam of Edgeley. Pay us a visit. Sunbeam of Edgeley is not the only high-record cow we have. We are pleased to show our herd at all times.
JAMES BAGG & SONS (Woodbridge, C.P.R., Concord, G.T.R.) EDGELEY, ONTARIO.

PROSPECT FARM JERSEYS

125 Jerseys in the herd. For 30 years we have been breeding Jerseys for production. Choice young bulls, young cows, and a few high-grade cows and heifers for sale.

R. & A. H. BAIRD

R.R. 1, New Hamburg, Ont.

THE WOODVIEW FARM JERSEYS
LONDON, ONTARIO
Jno. Pringle, Prop.

CANADA'S MOST BEAUTIFUL JERSEY HERD
Imported Champion Rower at its head.
This bull, with his get, won first prize on the island of Jersey, 1914, second in 1916, and again first in 1917. Present offering—A few yearling heifers in calf to our great young bull, Woodview Bright Prince, (7788), and bred from imported sires and dams. We show our work cows and work our show cows

I HAVE FOR SALE JERSEY COWS and BULLS

Six cows at \$200.00 each; bulls from \$50.00 to \$100 each. T. HETHERINGTON, c.o. 481 from Island Blood sires. Strictly guaranteed as represented. Aylmer Street, PETERBORO, ONT.

LINCOLNS C. NICHOLSON

of Horkstow, Lincolnshire, England
has for sale Pedigreed Lincoln Long Wool Rams and Ewes from his world-famous flock of ALL DUDDING-BRED SHEEP. By winning the CHAMPION and "ALL" the prizes in the two-shear and shearing ram classes at the Royal Show of England, 1915, all previous records were broken. Coates Shorthorns and Lincoln Red Shorthorns also for sale.
STATION—BARNETBY

OXFORD DOWN SHEEP

One of the Oldest Established Firms in America

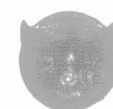
Although we have sold our farm at Arkell, we are still in the sheep business stronger than ever, having secured other land expressly for sheep. Present offering: 100 yearling rams and 50 yearling ewes. Orders taken for ram and ewe lambs for later delivery. All bred from our own importations. Prices reasonable. Communicate to:

HENRY ARKELL & SON, 70 Beatty Ave., Toronto, Ontario
Phone at present under name of T. Reg. Arkell

Southdowns and Shropshires

We have an unusually choice lot of shearing rams of both breeds to offer as flock headers and for show purposes. Inspection and correspondence invited.

LARKIN FARMS (Please mention Farmer's Advocate) QUEENSTON, ONT.



ELMHURST LARGE ENGLISH BERKSHIRES

From our recent importation of sows, together with the stock boar, Sudden 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

I am offering **BERKSHIRES OF SPRING FARROW** Just what you need to win at the fall shows. One 4½ months red bull calf of good quality, from R. O. P. dam.
FRANK TEASDALE, Concord, Ont. (Concord G. T. R. station, 100 yards)