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**COLUMBIA
HAY
PRESS.**

We guarantee it the best belt press made or no sale. Capacity, 50 tons in 10 hours. Write for full description and agency.

Columbia Hay Press Co.,
Kingsville, Ontario.

If you go HUNTING this season we want to get your

DEERSKINS

They are worth money. Well worth your skinning and shipping to us. Write us.
E. T. CARTER & CO., TORONTO.

Dorset Ram

on your GRADE FLOCK.

They produce the very choicest butcher's lamb. I have several on hand at very reasonable prices. For particulars apply to:

R. H. HARDING, Mapleview Farm,
Telephone connection. Thorndale, Ont.

Sheep Breeders' Associations.

American Shropshire Registry Association, the largest live-stock organization in the world.
G. Howard Davidson, Pres., Millbrook, N. Y.
Address correspondence to **MORTIMER LEBERLING, Secretary, Lafayette Indiana** on

Southdowns

FOR SALE: 2 imported prizewinning rams, and 60 home-bred and imported ewes. **COLLIES.**—Puppies by champion sire, and out of prizewinning dam.

Robt. McEwen, Byron, Ont.

Farnham Farm Oxford Downs

We are now offering a number of select yearling rams and ram lambs, sired by imported ram, for flock headers; also yearling ewes and ewe lambs. Price reasonable.

Henry Arkell & Son, Arkell, Ontario.
Arkell C. P. R.; Guelph, G. T. R.

Linden Oxfords

We have a nice bunch of rams, two-year-olds, yearlings and ram lambs for sale. Sired by choice imp. Royal-winning ram.

R. J. HINE DUTTON, ONT.
P. O. and Telegraph Office.

Shropshires and Cotswolds

I am now offering 35 shearing rams and 50 shearing ewes, also an extra good lot of ram and ewe lambs from imported Minton ewes and Buttar ram.

JOHN MILLER,

Brougham P.O., Claremont Stn., C.P.R.

FAIRVIEW SHROPSHIRE RAMS

Very choice imp ram lambs. Real good home-bred yearlings. One excellent two-shear (Newton Lord and Fair Star Rose combined in his breeding), and a four-year-old son of Fair Star Rose—a carval and very sure breeder. Splendid values to quick purchases. **J. & D. J. CAMPBELL, Fairview Farm, Woodville, Ont.**

SPRINGBANK OXFORDS.

A number of select yearling rams by Hobbs' Royal winner for flock headers. Lambs of both sexes. Also one aged ram, first at Ottawa, 1906. Prices right.

WM. BARNET, LIVING SPRINGS P. O.
Fergus G. T. R. and C. P. R.

SHROPSHIRE

Also some fine young White Wyandottes ready to ship.

W. D. MONKMAN, BOND HEAD, ONT.

SHROPSHIRE

Can sell about 20 Ram Lambs. Mostly by an Imp. Buttar-bred ram.

GEO. HINDMARSH, Ailes Craik, Ont.

LEICESTERS

for sale, different ages; either sex.

JOHN LISHMAN, Hagersville Ont. P. O. & Stn.

SCOTCH COLLIE PUPS

of best strains of breeding. Easily trained and well marked. Now ready for shipping. Price \$5.00 f.o.b. Picks for \$7.00. Write at once.

J. K. HUX, Rodney, Ont.

QUESTIONS AND ANSWERS. Miscellaneous.

A LOST CERTIFICATE.

I have a pure-bred Clydesdale mare for which I had a certificate of registry, but have lost the certificate. What course should I take to procure another certificate?

H. B. G.

Ans.—Write the Accountant, National Live-stock Records, Department of Agriculture, Ottawa, giving name and record number of mare, and asking for a duplicate certificate of her registration.

FEEDING VALUE OF FROSTED WHEAT.

Could you let me know, through your paper, the relative feeding values of a bushel of wheat (standard weight), and a bushel of corn; also, if corn can be bought at 60c. per bushel? What would a 60-lb. bushel of wheat be worth if frozen so badly that it only tests 45 lbs. per bushel? I am not asking these questions out of mere curiosity. I will have to buy a lot of grain this winter, and my nephew, at Welwyn, Sask., has had his entire wheat crop frozen, and I am wondering if we could deal with him to advantage.

J. D. L.

Ans.—The following table of composition percentages gives a fair idea of the relative feeding values of corn and wheat.

	Per cent. digestible	Per cent. carbohydrate	Per cent. ether extract.
Dent corn	7.8	66.7	4.3
Flint corn	8.	66.2	4.3
Wheat	10.2	69.2	1.7
Wheat screenings	9.8	51.0	2.2

Doubtless, the corn to be purchased is an American dent variety. The frosted wheat will probably have a feeding value about equal to wheat screenings; possibly its protein content will be higher, owing to its large percentage of bran and shorts. Assuming that the composition of the corn and frosted wheat are approximately represented by the upper and lower lines of the above table, we find the wheat about 20 per cent. richer in protein, which is the bone- and muscle-building element, and abounds in alfalfa, clover, peas, bran, oil meal and such foods, being relatively deficient in corn, straw, timothy and the common run of farm roughage. In respect of the more strictly fattening elements, viz., carbohydrates and ether extract (or fat), the corn is about one-third richer than the frozen wheat. The general conclusion, therefore, is that for milk cows and growing stock, the frozen wheat would be worth about as much, pound for pound, as the corn. For purely fattening purposes, the corn should be worth fifteen per cent. more per cwt. This conclusion, however, is subject to many modifications. For instance, if the cows or young stock are to receive plenty of alfalfa or clover hay, with bran, oil meal and oats, the addition of a few pounds of corn might produce better results than the addition of an equal quantity of frozen wheat. On the other hand, if the fattening stock is supplied with corn silage, timothy hay or straw, and barley meal, then it is likely that the addition of frozen wheat, either by itself or mixed with corn, would prove more profitable than the addition of corn. Always in feeding, the value of a certain feed depends as much on what it is to be fed with as on any other factor. Nevertheless, it is pretty safe to say that for general farm purposes a considerable quantity of frozen wheat could be used for cattle, hogs and poultry, so as to be worth almost as much per cwt. as sound corn.

Col. R. McEwen, Byron, Ont., writes:

"The taste for high-class mutton and the value of the Southdown for crossing purposes have furnished a most satisfactory trade, which I was never in better shape to take care of. I have still on offer two imported rams, a home-bred three-year-old that won first at Detroit and London, some of the best ram lambs I have ever bred, and a choice lot of 60 home-bred and imported ewes. By the way, my collies have been very successful. Holyrood Professor, at the recent Toronto Show, winning three firsts and four specials, including one offered for best in the Show."

71 Years WITHOUT CHANGE MEANS

that in 1836 we made an importation of sheep, that Shorthorns followed very soon, that we have been importing and breeding them ever since, and that this year I have made an importation of **Shorthorns, Shropshires, Clydesdales and Welsh Ponies** as good as could be bought. They, with high-class home-bred ones, are for sale, write me.
ROBERT MILLER, STOUFFVILLE, ONTARIO.

DUNROBIN STOCK FARM Clydesdales, YORKSHIRES, Shorthorns. We are booking orders for breeding stock from our grandly-bred Yorkshire sows. Twenty five sows to farrow in the next few weeks. Unrelated pairs a specialty. Write for prices and particulars. **DONALD GUNN & SON, Beaverton, Ontario.** Inspection invited. G. T. R., C. N. O. R. stations 1 1/2 miles from farm. Customers met on notification.

NEWCASTLE Herd of Tamworths and Shorthorns. Our present offerings are: A choice lot of sows, the get of Colwill's Choice and Newcastle Warrior, both silver-medal prize boars at Toronto, 1901, 1902, 1903 and 1905, bred to our imported boar **Chalderton Golden Secret**; also pigs, both sexes, from 2 to 6 mos. old. Pedigree furnished with every pig. Several choice bull calves ready for service, and a nice lot of heifers from 6 months to 3 years old, of high quality and breeding. Prices reasonable, quality considered. Daily mail at our door.

A. A. COLWILL, Newcastle, Ont.
Successor to Colwill Bros.

Mount Pleasant Herd of Tamworths and Holsteins.

For Sale: Pigs of either sex, from 6 weeks to 7 months; pairs not akin; also bull and heifer calves under 5 months. Phone in residence.

BERTRAM HOSKIN, The Gully P. O.

Advertise in The Farmer's Advocate

Elmfield Yorkshires. 60 young pigs of both sexes, from 4 weeks to 4 months. Also some young sows, bred in August to imp. boar. Prices to suit the times.
G. E. HOMA, Ayr, Ont.

SUNNYMOUNT BERKSHIRES!

Boars fit for service. Sows bred and safely in pig. Sows fit to be bred. Young pigs just weaned.

JOHN McLEOD,
Milton P. O. and Sta. C.P.R. & G.T.R.

CLOSING-OUT SALE. Orchard Home Tamworths at closing-out prices. Brood sows in pig; fall pigs; boars fit for service, all ages, including the great Toronto champion, Newcastle Warrior (2986). Guaranteed in every respect. Reg'd pedigrees furnished. **CRANDALL BROS., Cherry Valley, Ont.**

LARGE ENGLISH YORKSHIRES.—We have a limited number of choice young pigs for sale, bred from our choicest sows and got by the imported boar, Dalmeny Joe 18577 and Broomhouse Beau 14514. Pigs from the latter won all the first prizes at the Ottawa Fat Stock Show last March for the best dressed carcasses, and sweepstakes over all breeds or grades. We guarantee satisfaction in all mail orders.
JOSEPH FEATHERSTON & SON, STREETSVILLE, ONT.

Elmhurst Berkshires

Motto: "Goods as Represented."

With our recent importation, personally selected from the best herds in England (some of them prizewinners), we have the most select herd of Berkshires in Canada. A grand group of breeding and show matrons. Our new imported boar, Stall Pitts Middy won 1st under 1 year at Oxford, 1907, also Compton Duke, imp., and Compton Swell, imp., head the herd. Mail orders receive careful attention. Bramford shipping station.
H. W. VANDERLIP,
Cainville P. O., Brant Co., Ont.

Willowdale Berkshires

are unsurpassed for quality and breeding. My stock is bred from the best imported and Canadian-bred dams, and imported sires of the richest breeding to be found in England. Young stock all ages for sale reasonable. Young sows bred and ready to breed. Young boars 3 and 4 months old. Satisfaction guaranteed. Long distance telephone in residence **J. J. WILSON,** Importer and Breeder, Milton P. O. and Station, G. T. R. and C. P. R.

Maple Grove Yorkshires

IMPORTED AND CANADIAN-BRED. Boars and sows of the best possible breeding, with lots of size and full of quality, comprise our herd. We are winning at the leading shows in Canada. We have a fine lot of sows and boars ready for service, also both sexes of all ages younger. We guarantee everything as represented. Prices always reasonable. Write at once. **H. S. McDiarmid, Fingal P. O., Sheshep Stn., Yorkshires.**—Boars ready for service; sows ready to breed, and bred; young pigs just weaned and ready to wean. Cotswold and Shropshire rams, yearlings and lambs, registered. **GEO. M. SMITH, Haysville, Ont.**

Subscribe for "Farmer's Advocate"

FAIRVIEW BERKSHIRES

Bred from imported and Canadian-bred sires and dams, and bred on prizewinning lines. My brood sows are large, choice animals. Young stock of both sexes. Some sows bred to imp. boars. **HENRY MASON, SCARBORO P. O.** Street cars pass the door.

OAKDALE BERKSHIRES

Largest Berkshire herd in Ontario. Stock boars and several brood sows imported. For sale: Sows bred and ready to breed, boars ready for service, and younger ones, all ages, richly bred on prizewinning lines and true to type. Everything guaranteed as represented. Long distance phone. **L. E. MORGAN, Milliken P. O., Co. of York.**

FAIRVIEW BERKSHIRES

are second to none. Have now for sale some sows bred, and boars fit for service, also younger ones from two to four months old, bred from show stock. Also Leicester shearing rams, ram and ewe lambs of finest type.
John S. Cowan, Donegal P. O.,
Atwood and Milverton stations.

Glenburn Herd of Yorkshires.

Winner of gold medal three years in succession. 6 young boars from 5 to 9 months; also 75 young sows, from 6 to 12 weeks old.

David Barr, Jr., Box 3, Renfrew, Ont.

YORKSHIRES of Choicest Type and Breeding.

I have on hand 75 brood sows of Princess Fame, Cinderella, Clara, Minnie, Lady Frost and Queen Bees strains. My stock boars are true to type and richest breeding. For sale are a large number of sows bred and ready to breed, boars fit for service, and younger ones of both sexes.— Pairs and trios not akin. **J. W. BOYLE, P. O. Box 563, Woodstock, Ont.**

Yorkshires and Tamworths

—Either breed any age, both sexes; sows bred and ready to breed. Yorkshires bred from imp. sire and dam. Tamworths from Toronto winners. Pairs not akin. As good as the breeds produce.
CHAS. CURRIE,
Behav Sta. C. P. R. **Morrison P. O.**

Meadowbrook Yorkshires.

Young stock of both sexes. A number of sows old enough to breed, all sired by imp. Dalmeny Topsmam. Everything guaranteed as represented.
J. H. SNELL, Hagersville P. O. & Station.

Duroc Jerseys.

Sows ready to breed. Young pigs, either sex, ready to ship. Canada Boy (imp.) 19097 heads our herd. **MAC CAMPBELL & SON, Harwich, Ont.**

For Sale

—Ohio Improved Chester Whites, the largest strain, oldest established registered herd in Canada; young sows in farrow; choice young pigs, six weeks to six months old; pairs not akin; express charges prepaid; pedigrees and safe delivery guaranteed. Address **H. D. GEORGE, Putnam, Ont.**