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Live Stock Show
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Yards, CHICAGO
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Pure-bred Stock
RD SALE—Tuesday, Dec.
logue write B. O. Cannon,
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For catalogue write J. H.
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ogue write F. W. Harding,
icago.
Friday, Dec. 5th, 1.00
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City, Mo.
the Art of Breeding,
the HIGH COST OF
omic feeding methods.
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HERDERS
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have heifers all ages and
Thos. J. McCormick,
town Station, G.T.R.
—Present offering: Bull
calves, from one week to
cows and others freshening
ve at present.
ON, St. Thomas, Ont.

More Winter Eggs
Start now to condition your layers for a heavy egg yield this winter. Delay costs money, and loss of big profits which a little care will bring.
Pratts Poultry Regulator
Tones up all your birds. Puts them in prime laying condition. Stirs up the sluggish egg-producing organs and makes hens lay.
Costs about 1c a month per bird. Money Back if Not Satisfied. At your dealer's in pkgs. also 25-lb. pails and 100-lb. bags.
Write for FREE book on Care of Poultry.
PRATT FOOD CO. OF CANADA, LIMITED, 520, Carlaw Ave., Toronto, P.R. 6

Cream Wanted
Ship your cream to us. We pay all express charges. We supply cans. We remit daily. We guarantee highest market price.
Ontario Creameries LIMITED
LONDON - ONTARIO

OXFORDS
Summerhill Flock
If you want breeding stock, buy now. First class Rams and Ewes different ages. Special offering in Stock Rams. Leading flock for past 35 years, winning almost all the prizes and championships at Calgary, Edmonton, Saskatoon, Brandon, Regina, Toronto and London 1919.
Write us for prices
Peter Arkell, & Sons, R.R. 1, Teeswater, Ont.

Maple Shade Farm
Imported Shropshire ewes served by best imported rams, very desirable for foundation flocks.
W. A. DRYDEN,
Brooklin, - - - Ontario

Shropshire Sheep—40 shearing ewes, 30 two and three-shear ewes, mostly from imported stock. A few choice shearing rams; also ewe and ram lambs.
Oshawa all railroads. C. H. SCOTT, Long-distance phone. Hampton P.O.
Shropshire and Cotswold Sheep—A fine lot of yearling rams and ram lambs, large and good quality, imported and home-bred; also ewes, all ages. Prices very reasonable.
JOHN MILLER, Claremont, Ont.

LEICESTERS
Of good size and quality.
C. E. WOOD Freeman P.O., Ontario
Elm View Oxford Downs—Thirty selected flock leaders. Thirty yearling and two-year-old ewes, all first-class. Write for prices.
Bruce A. McKinnon, R.R. 1, Hillsburg, Ont.
Shropshire yearling ewes bred to Bibby's 84 (Imp.) ram and Two Shorthorn Bulls.
W. H. PUGH, Myrtle Station, Ont.

Questions and Answers.
Miscellaneous.

Flax.
How should flax seed be sown? J. M.
Ans.—It is customary to sow it broadcast in the spring on well-prepared land. It is frequently sown on new land. The yield depends a good deal on the soil and the season. In many localities the yield this year was very poor.

Weight of Bushel of Turnips.
How many pounds are there in a bushel of turnips? Some buyers claim there are fifty. T. B.
Ans.—According to the official weights of vegetables, the Dominion standard for turnips is 50 lbs. per bushel.

Foxtail for Feed.
1. Is foxtail seed of any value as feed for stock? R. H. M.
Ans.—Foxtail would possibly have some feeding value, but just how much we are not in a position to say, as we have not the analysis of foxtail seed at hand. A considerable quantity of this seed is used as stock feed, as it is embodied in screenings which are sold for feed.

Mounting Birds.
What is the recipe for making the composition for mounting birds and animals? J. W. T.
Ans.—By writing the North West School of Taxidermy, 508 Elwood Building, Omaha, Neb., you would be able to secure full instructions as to the composition for mounting, and other details of the work.

Preventing Rust.
What can we put on a range to prevent it from rusting? What is best to clean nickel with? G. S.
Ans.—Going over the range with a cloth moistened with coaloil will help to remove the rust. Some of the black stove enamels would give the stove a new appearance, but the trouble with this material is that it soon burns off. There are nickel polishes which may be secured at most hardware stores.

Difficult Urination.
For two months one of my cows has had to strain very hard to pass urine. She voids little and often and sometimes it is a very dark color. A. C. B.
Ans.—There may be a calculi (stones) in the bladder. If so a veterinarian might be able to remove them, but the administration of drugs would be useless. If the trouble is due to irritation of the mucous membrane the administration of 2 oz of the tincture of hyoscyamus in a pint of cold water as a drench 3 times daily should give good results. V.

Pumpkins for Feed.
1. Is there a pure-bred blaek sheep? Where could they be purchased?
2. Are boiled pumpkins good for small pigs? Are they as good as turnips? Are pumpkins good for milch cows? Would they be of any use for hens? T. K.
Ans.—1. We do not know of a pure-bred black sheep.
2. They are very seldom fed to small pigs, but should be as good as turnips. Some feed a considerable quantity of pumpkins to cows, with satisfactory results. We doubt if hens would eat pumpkins.

Wintering Cattle.
1. What is it worth per month to winter cattle on straw and turnips?
2. I have a driving mare that scours when driven seven or eight miles. She is fed on clover hay and oats. R. K.
Ans.—1. With the present shortage of feed, it is rather difficult to put a fair estimate on the cost of wintering cattle. A couple of years ago, we know of several lots that were wintered at \$2.50 per head per month, but with the scarcity of both roots and straw in many sections, we imagine that the price would be considerably higher this winter.
2. Two ounces of laudanum and 4 drams each of catechu and prepared chalk is given every four hours until the diarrhoea ceases. Adding lime-water to the drinking water is sometimes effective. The clover hay may be one cause of the trouble, although clover is fed very satisfactorily to some horses.

ONTARIO PROVINCIAL WINTER FAIR
Dec. 5th - GUELPH - Dec. 11th
\$30,000.00 offered in prizes
PROGRAMME
Friday, Dec. 5th - Judging Poultry
Saturday, Dec. 6th - " Poultry and Seeds
Monday, Dec. 8th - " Sheep, Swine, Shires and Shorthorns
Tuesday, Dec. 9th - " Sheep, Swine, Dairy Bulls, Herefords, Angus, Percherons, and Standard-breds
Wednesday, Dec. 10th - " Beef Grades, Clydesdale, Hackneys, also Sale of Seeds and display of Sheep and Swine Carcasses
Thursday, Dec. 11th - " Clydesdales, Sale of Dressed Carcasses, Dressed Poultry and parade of prize winners
JOHN I. FLATT, PRESIDENT. Hamilton.
R. W. WADE, SECRETARY. Parliament Bldgs., Toronto.

In Carcase Competition SINCE 1900
Suffolks crossed with no less than ten different breeds have won half the total awards in the Cross-bred Classes at the Great London, England, Smithfield Shows, leaving half to be claimed by all other breeds combined. We have some strong lamb and yearling rams for sale.
James Bowman, Elm Park, Guelph, Ont.
Oxford Down Sheep Present offering: This year's crop of ram and ewe lambs; also a few yearlings and two young Shorthorn bulls. Prices reasonable.
JAS. L. TOLTON, Walkerton, R. 3, Ontario

Dorsets and Oxfords
I have at present a choice offering in shearing and ram lambs (both breeds). We were unable to show this year, but these rams are the choicest lot we ever bred. Also have four two-year-old stock rams, as well as a limited number of shearing and two-shear Dorset ewes. Prices right.
S. J. Robertson (C.P.R.) Hornby, Ont.
Shorthorns and Oxfords for Sale—Two young bulls, one a choice roan grandson of Right Sort; also ewes and lambs, either sex.
GEO. D. FLETCHER, R.R. No. 1, Erin, Ont.

Oxford Down Sheep
—America's Pioneer Flock—Special offering of between thirty and forty superior registered shearing ewes bred to imported ram. Sold in lots to suit purchaser. Also have a few shearing rams and ram and ewe lambs to offer. Prices reasonable.
HENRY ARKELL & SON, 70 Beatty Ave., Toronto, Ont.

Large Black Pigs
A Scotch breeder writes as follows: "The Large Black Breed of pigs is not subject to degeneration or atavism such as is common to other breeds. They are also very prolific and come early to maturity, while their conformation is just what Bacon Curers and Pork Purveyors require." We have young stock of this great breed for sale. Also very choice young bulls of English Dual-Purpose Shorthorns.
LYNNORE STOCK FARM
F. W. Cockshutt - Brantford, Ont.

Pine Grove Stock Farm
The Home of the Berkshire
Offers for sale boars fit for service, sows bred and ready to breed, younger ones coming on. The Crompton and Wandsworth strains, the best strains of the breed.
W. W. Brownridge, Georgetown, No. 3, Ont.
Milton C. P. R. Georgetown G. T. R. Milton Phone.
YORKSHIRES
We are now booking orders for Fall pigs, both sexes. Several large litters to choose from.
WELWOOD FARM, Farmer's Advocate
London, Ont.

Pure-bred Yorkshires
We have a number of litters ready to wean and a number of sows just bred and several due to farrow and a few boars ready for service.
Our stock all show good breeding and excellent type.
F. W. DARBY, FERGUS, ONT.

BERKSHIRES
Boars ready for service and boar pigs, rich in the blood of Lord Premier's Successor 161509, Grand Champion 1914, Champion sire of 1915, 1916, 1917. His descendants have won Grand Champion honors at the largest and strongest shows of 1919. The Champion Berkshire barrows of 1918 International were double grandsons of Lord Premier's Successor. We have shipped many Berkshires to Canada with satisfaction to customers. Prices on request.
HOOD FARM, INC., Lowell, Mass.

Inverurie Tamworths—Boars ready for service; young cows bred for fall farrow; extra fine lot of little stuff just ready to wean. **LESLIE HADDEN, (formerly Pefferlaw, Ont.) Sunderland, Ont.**
Lakeview Yorkshires
If you want brood sows of any age, stock boars of any age, or young pigs, write me. All bred from prize-winners for generations back.
JOHN DUCK, - - - Port Credit, 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.

—I have to offer at present one of the best litters of **YORKSHIRE** pigs I ever had. Also two extra good Ayrshire bull calves, born in March from heavy-producing dams. Write me for anything in Ayrshires or Yorkshires.
DAVID A. ASHWORTH, Denfield, Ont., Middlesex Co.

Westside Stock Farm
Meadow Brook Yorkshires—We have a choice offering of sows bred and boars fit for service. Also a number of large litters ready to wean. All show the best of breeding and excellent type.
G. W. MINERS, R.R. No. 3, Exeter, Ont.

Big Type Chester Whites—We cleaned up at London and Toronto Exhibitions, 1919. Now offering pigs from our 805-lb. sows, and sows bred to our 1,005-lb. boar.
JOHN ANNESSER, Tilbury, Ont.

BERKSHIRES—My Berkshires for many years have won the leading prizes at Toronto, London and Guelph. Highcleres and Sallys, the best strain of the breed, both sexes, any age.
ADAM THOMPSON, R.R. No. 1, Stratford, Ont.
Shakespeare Station, G.T.R.

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Special attention given to patent litigation.
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TAMWORTHS
Young Boars and sows bred for fall farrow. Express charges prepaid. Registered stock. Write
JOHN W. TODD, CORINTH, ONTARIO

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