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The purest and best for table and dairy use.

North American Chemical Co.,
Clinton, Ont. Limited

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: 75 ram and ewe lambs, 46 yearling ewes (some fitted for show), also 15 yearling rams which will make excellent flock-headers. Consult us before buying.
Peter Arkell & Sons : Teeswater, Ontario

Farnham Farm Oxford Downs

"The Oldest Established Flock in America"
We are at present offering a number of superior ram lambs from imported sires. Also a special offer of 50 fine yearling ewes and a number of superior ewe lambs. Also a few good Hampshire ram lambs.
Phone: Guelph 240, ring 2.
C.P.R., Guelph and Arkell.
G.T.R., Guelph St. and Telegraph.
Henry Arkell & Son, Guelph, Route 2, Ont.

ALLOWAY LODGE, STOCK FARM

Southdown Sheep

Look up this year's record at the shows.
Breeding stock of all ages for sale.

ROBT. McEWEN,
BYRON, ONTARIO - Near London

DORSET HORN SHEEP

Present offering: 3 yearling rams, 12 choice ram lambs, 6 yearling ewes and a few ewe lambs. My flock had the champion ram and ewe at Toronto and London Fairs, 1914. Write for prices. J. A. Orchard, Shedden, Ont. M.C.R. and P.M. Ry.

1900 : SPRINGBANK OXFORDS : 1914
Ram and ewe lambs for sale, sired by Adams 77, imported by Wm. Cooper & Nephews, Chicago; of good type and quality.
Wm. Barnett & Sons, R.R. No. 3, Fergus, Ont.
Long-distance Bell phone.

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.

TOWER FARM OXFORDS

A choice lot of ram and ewe lambs, sired by Hamptonian, No. 279, imported prize-winner at the Royal; also a few yearling rams and ewes.
EMPHRAIM BARBOUR, ERIN, ONTARIO

LONDON OXFORDS

We have some good shearing rams; this year's crop of ram and ewe lambs. Will also sell a few three-year-old ewes sired by a Hobbs-bred ram.
R. J. Hine, R.R. No. 2, St. Marys, Ontario

MAPLE LEAF BERKSHIRES

for sale at reasonable prices; sows bred to farrow in May and June; also young pigs ready to wean; boars 3 and 4 months old, bred from imported stock. Satisfaction guaranteed. J. Lawrence, Woodstock, Ontario, R. R. No. 8.

Tamworths—Several boars large enough for service at bargain prices; sows ready to breed, for quick sale; splendid lot of pigs ready to wean.
HERBERT GERMAN, St. George, Ont.

Hampshire Swine and Lincoln Sheep. Both sexes and all ages; from imported stock. Prices reasonable.
C. A. POWELL
R.R. No. 1 Ettrick, Ont.

TAMWORTH AND BERKSHIRE SWINE AND SHROPSHIRE SHEEP. Pairs of Tamworths supplied not akin. Choice Berkshire pigs all ages. An extra fine lot of Shropshire lambs bred right. Prices reasonable. Write or call. R.R. No. 1, Corbyville, Ontario, W. A. Martin & Sons

Morrison Shorthorns and Tamworths Bred from the prize-winning herds of England. Have 12 young sows bred to farrow in Sept. and Oct., dandies, and also a number of boars fit for service. Also choice cows and heifers of the very best milking strain. Chas. Currie, Morrison, Ont.

Tamworths—Choice young sows; bred for September and October farrow. Also a nice lot of boars. Write for particulars and prices.
JOHN W. TODD, R.R. No. 1, Corinth, Ont.

Duroc-Jersey Swine Twenty-five sows row; a few boars ready for service; also one Jersey bull, 11 months, and two bulls, 6 months old, out of high-producing dams. Mac Campbell & Son, Northwood, Ont.

Cloverdale Large English Berkshires Thirty cows bred for fall farrow; boars ready for service; young stock of both sexes, pairs not akin. All breeding stock imported or from imported stock from the best English herds.
C. J. LANG, R. R. No. 1, HAMPTON, ONT.

SUNNYSIDE STOCK FARM
Chester White Swine—Champion herd at Toronto and London Fairs. Two Dorset Horn Sheep—Young stock of both sexes for sale. Also two yearling rams.
W. E. Wright & Son : Gairworth, Ontario

Questions and Answers.
Miscellaneous.

Pasturing Lambs.

Would you kindly tell me, through your valuable paper, what it is worth to pasture lambs on rape? We sowed about three acres of orchard to rape, and have got in it 90 lambs from our cattle buyer. He says whatever is reasonable and right he will pay me. As we never did anything of the kind before, and our neighbors don't seem to know what it is worth to feed a sheep, we thought it best to ask you.
J. W.

Ans.—It should be worth 25 cents per head per month, and probably a little more. From \$25 to \$30 per month for the 90 should be a fair price.

Useless Gas Engine.

A (a farmer) had a 4-h-p. gas engine which he traded with B (a dealer) for a larger one, 8-h-p., giving a note payable in eight or ten months for the difference. B agrees and guarantees to satisfy A with the working of the larger engine. This transaction occurred last winter. A brought the engine home, but when he went to grind with it, it would not work at all, so he got the agent out to his farm, and he also failed to make it work. B said it would have to go back to his shop for repairs, which it did. It has been there all summer, and is not fixed yet. The note is due the 1st of October.

1. Shall A have to pay this note when due?
2. If the engine fails to work, can B collect the face of note?
3. Can B compel A to settle for the expenses in getting it repaired, as the expense will be considerable, they saying that they would guarantee the engine to give A satisfaction?
4. What would be the wisest course for A to take for safety in this matter?
5. Would this note be actually due until the engine is giving satisfaction? The note was an ordinary note.

Ans.—1, 2, 3 and 5. If, as is probable, the note went into the hands of an innocent third party before maturity, and for value, A would be liable on it to the holder, and his remedy would be by way of action against B. But if B still holds the note, and should sue upon it, A could defend upon the ground of failure of consideration, and also counterclaim in respect of the 4-h-p. engine.
4. A ought to employ a solicitor to protect him in the matter.

Blackhead in Turkeys.

Would you kindly publish in your paper an article giving full information about blackhead in turkeys? If you have ever published it before I have missed it, and am afraid I have some of it now, or something of that nature.
G. E. J.

Ans.—Time and again have we answered this type of question through our columns, but we are always pleased to help our readers, and readily repeat on such an important subject. It is very difficult to note any very marked symptoms of the disease until it has reached advanced stages. Now and again pulldness shows around the head, and a dark discoloration occurs. Birds may suffer from the disease and not show these symptoms. Post-mortem appearances are very marked. The liver becomes greatly enlarged, and is generally covered, or partially so, with pale, sunken spots, more or less round in form. They are from gray to mottled pale brown in color, later assuming a yellowish, cheesy appearance. The caeca are also affected. Externally the two sacs present a swollen and inflamed appearance, and the walls become thickened and dull gray, yellowish, cheesy masses of exudate arise on the serous coverings. The internal portions are filled with a yellowish-white mass. Treatment is not satisfactory. Isolate all affected birds. Place healthy birds on new soil and in clean pens. Disinfect the premises thoroughly. If only a few birds are affected, kill one and examine carefully. If sure the disease is black head, kill and burn. Soak the runs with a ten-per-cent. solution of carbolic acid, and dig the land well over. Give the birds to drink clean water containing one teaspoonful of muriatic acid to a quart of water. Treatment is scarcely worth while.



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CLARE BROS. & CO., LIMITED
PRESTON, - DEPARTMENT "A" - ONT.

Shropshires and Cotswolds

I have now for sale 30 extra large well covered shearing rams, 100 shearing ewes and a very fine lot of lambs from my imported ewes. Will be pleased to book orders for delivery later of any kind wanted.
JOHN MILLER, R.R. No. 2, CLAREMONT, ONT.
Pickering Station, G.T.R. 7 miles. Greenburn Station, C.P.R. 3 miles

Spring Valley Shropshires

For this season's trade I have some extra choice flock headers; shearing and ram lambs; a combination of Milne and Cooper breeding; also shearing ewes and ewe lambs, low and thick in type and covered to the ground.
THOS. HALL, R.R. No. 2, Bradford

Berkshires

From our prize-winning herd of large English Berkshires we have a particularly choice offering in young boars and sows, many of them now of breeding age. Order early and get a choice selection.

S. DOLSON & SON, Norval Station, Ont.

Sunnybrook Yorkshires

In improved large English Yorkshires, we can supply either sex, eight weeks old and up, sired by our 1913 Toronto and Ottawa Exhibition Champions. WM. MANNING & SONS, WOODVILLE, ONTARIO

ELMHURST LARGE ENGLISH BERKSHIRES
From our recent importation of sows, together with the stock boar Suddon Torredor, H.M. VANDERLIP, Breeder and Importer, Cainsville, P.O., Ont. Langford Station on Brantford and Hamilton Radial.

Newcastle Tamworths, Shorthorns and Clydesdales—For sale at once: Two choice sows bred and ready to breed; choice lot of pigs nearly ready to wean; all from the choicest stock on both sides; 3 choice young bulls 10 to 12 months old; several heifers bred to my present stock bull, Broad-brood mare; all of splendid quality; prices right. A. A. Colwill, Newcastle, Ont. L.D. Phone.

Large White Yorkshires

Have a choice lot of sows in pig. Boars ready for service and young pigs of both sexes supplied not akin 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. C. P. R. and G. T. R.

THE SPRUCEDALE STOCK FARM

Yorkshires and Berkshires of all ages, bred from show stock. Prices right for immediate sale.
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