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FLEMING BROS., Chemists
75 Church Street Toronto, Ont.

YOUNG TAMWORTH Sows & Boars

FOR SALE

Herolds Farms, Beamsville, 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 prize-winning stock. Also one Shorthorn bull, 18 months old.

G. W. MINERS, R. R. 3, EXETER, ONT.

TAMWORTHS

Young sows bred for Nov. and Dec. farrow, and a nice lot of boars ready for service. Write **John W. Todd**, R.R. No. 1, Corinth, Ont.

Cloverdale Berkshires and Shropshires—In Berkshires I can furnish boars or sows, all ages, pairs not akin. All breeding stock imp. or from imp. stock. In Shropshires can furnish rams or ewes, any age, from imp. stock. Prices reasonable. **C. J. LANG**, R.R. No. 3, Burketon, Ont.

Morrison Tamworths and Shorthorns Bred from the prize-winning herds of England. Tamworths, both sexes, 140 to choose from. Shorthorns, 5 bulls, from 5 to 10 months old, reds and roans, dandies. Females of the best milking strains. **Chas. Currie, Morrison, Ont.**

YORKSHIRES and OXFORDS

Choice young pigs, both sexes; two boars fit for service. A few good ram lambs. We guarantee satisfaction.

B. ARMSTRONG & SON, Codrington, Ont.

DUROC JERSEY SWINE

A few choice sows bred, both sexes, all ages, bred from imported stock. Heading herd: Farough's King #2012, Brookwater, B.A.B.'s King 5042 from U.S. Importer and breeder. **CHARLES FAROUGH**, Maldstone, R. R. No. 1, Ont.

CLEARVIEW CHESTER WHITES

For many years my herd has won the highest honors at Toronto, London, Ottawa and Guelph. For sale are both sexes of any desired age, bred from winners and champions.

D. McCoursey, R.R. No. 5, Mitchell, Ontario

Pine Grove Yorkshires. Bred from prize-winning stock of England and Canada. Have a choice lot of young pigs of both sexes, pairs not akin, to offer at reasonable prices. Guaranteed satisfaction.

Joseph Featherston & Son, Streetsville, Ont.

Prospect Hill Berkshires

Young stock, either sex, for sale from our imported sows and boars. Also some from our show herd, headed by our stock boar, Ringleader. Terms and prices right. **John Weir & Son, Paris, Ont. R.R. 1.**

Townline Tamworths We can supply Young Tamworths of both sexes and any desired age of superior quality. Also Leicester ram and ewe lambs, Pekin ducks, Langshan cockerels and pullets. Write us your wants. **T. Readman & Son**, Streetsville, Ont. R. M. D.

Duroc Jerseys For 13 years our breeding stock has been choice selections from the champion herds of the U. S. We have both sexes, all ages, over 100 to select from. Bred from champions. **L. A. Pardo & Sons**, R. R. 1, Charing Cross, Ont.

Lakeview Yorkshires If you want a brood sow, or a stock boar of the greatest strain of the breed (Cinderella), bred from prizewinners for generations back, write me. Young pigs of all ages.

JOHN DUCK, Port Credit, 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.

Yorkshires Cows bred and younger; boars 2 and 3 months. sire Our Champion, winner of 12 firsts and 5 championships in 2 years showing at Toronto and Ottawa. Bronze turkeys, from prize-winning stock.

Wm. Manning & Sons, Woodville, Ont.

PIGS FOR SALE

Pure-bred Berkshire sows, 6 mos. old; prices reasonable. **D. M. Kean, Orillia, Ont.**

Questions and Answers. Miscellaneous.

Material for Silo.

1. Is it advisable to paint a board silo on the outside?
2. Should a wooden silo be built of tongue-and-grooved material?

A. J. S.

Ans.—1. Paint tends to keep the lumber from cracking, and so prolongs the life of the silo.

2. In order to keep silage in good condition it is necessary to exclude the air from it, consequently tongue-and-grooved material is preferable.

Worms in Horse.

My horse is not very active. I feed him regularly but he keeps in poor condition. Some people tell me he has worms. What do you think is wrong with him, and what treatment would you advise?

W. D.

Ans.—It is probable he has worms. Take 4 drams each of sulphate of iron, sulphate of copper, tartar emetic and calomel, mix and make into 12 powders. Give him a powder every night and morning. After the last has been taken give him a purgative of half a pint raw linseed oil. Feed bran only for 24 hours after giving the purgative.

Buckwheat for Feed—Tuberculosis in Fowl.

1. I have considerable good buckwheat and plenty of clover hay, but very few oats on hand. I would like to know if I can winter horses successfully on buckwheat, or what should be added to make a balanced ration? The horses will only be worked enough to give them exercise.

2. Would mares that are in foal be injured by feeding them buckwheat?

3. Would it be all right to feed milk cows and calves buckwheat in conjunction with corn silage and clover hay?

4. What is the matter with my hens? They go lame, mope about and get light in weight, finally they die. Some of my neighbors say it is tuberculosis and that I will have to destroy my hen-house and plow up my barnyard. Is this true?

5. If I move my hens to a new hen-house will I have to treat them in some way to get rid of mites, or do the mites all stay in the old hen-house in day-time?

C. L. S.

Ans.—1. A little buckwheat can be fed to horses, especially when they are working, but care must be exercised as it is known to be injurious. A small quantity could be mixed with a few oats or a little bran. When horses are not working they can be kept in fairly good condition on good clover hay. It is not necessary to feed them all they will eat, as many horses are believed to be injured by being overfed on hay. What they will clean up in an hour and a half is usually considered to be sufficient.

2. We would not care to feed mares that are in foal on buckwheat.

3. A small quantity can be fed to the cows. The buckwheat by-products have the reputation of producing a large flow of milk.

4. The symptoms indicate that the birds are suffering from tuberculosis. This is a disease which is rather difficult to eradicate and requires a general clean-up. All birds showing symptoms of the disease should be destroyed and their bodies buried deeply or else burned. The hen-house should be thoroughly cleaned; all movable objects should be taken out, and the inside thoroughly sprayed with a solution of corrosive sublimate, carbolic acid or Zenoleum, and whitewashed. The nests, roosts, feeding troughs, etc., should be treated likewise, and the ground disinfected with slaked lime. The run-ways or yards should be broken up and treated with lime. It would be just as well if the birds did not run on the same ground for a while, but it is possible to treat the ground to destroy the disease germs. If any of the birds are saved, they should be kept by themselves to see if they develop the disease. Putting them with a new flock may cause trouble. It might be advisable to get rid of the entire flock and start with new birds.

5. The mites usually leave the birds and hide in crevices about the pen during the day. However, it is advisable to dust the birds with some louse killer before putting them in new quarters. Applying kerosene to the roosts will materially aid in destroying the mites.

An Open Letter

Sydney, Nova Scotia, Nov. 23, 1916.

To the Farmers and Stockmen attending the Ontario Provincial Fair at Guelph.

Gentlemen:—

Believing you would appreciate the opportunity of talking with brother farmers and stockmen throughout Ontario who have used SYDNEY BASIC SLAG, we have arranged for our representative, Mr. A. L. Smith, to be at the Fair, and he will be pleased to put you in touch with such men. It will be well worth your while to hear what they have to say of this wonderful fertilizer.

No doubt you have often wondered if the glowing reports you read of SYDNEY BASIC SLAG are all true. This will be your opportunity to talk with men who have used SYDNEY BASIC SLAG, and who, like yourself, have the welfare of the farming industry at heart.

Our booth will be in the building near the main entrance. Call and get the names of prominent breeders about Guelph who have used SYDNEY BASIC SLAG.

Yours very truly,

THE CROSS FERTILIZER CO., LIMITED

P.S.—Look for the Sign:

SYDNEY BASIC SLAG

MADE BY

The Cross Fertilizer Co., Limited

Sydney - - - Nova Scotia

ZENOLEUM

ZENOLEUM—the powerful Coal-Tar Disinfectant—is harmless to handle and is not greasy or inflammable. It kills lice, mites, fleas and germs. It not only PREVENTS disease, but is a recognised cure. Try it according to directions for diseases of live stock and poultry. Keep your Barns, Stables and Poultry Houses clean and sanitary by liberal use of diluted Zenoleum. If you want healthy birds and animals, free from lice, mites, ticks and fleas, use Zenoleum—only one-tenth the cost of coal oil, and twenty times as cheap as carbolic acid, and three times as effective. Ask your dealer or send to us 25c., 50c., 90c., and \$1.50 sizes. 1 gal. (\$1.50) makes 80 gals. dip.

ZENNER DISINFECTANT CO., Sandwich St., Windsor, Ont.

YORKSHIRES FOR SALE

Young sows due to farrow soon; also young pigs, both sexes, ready to wean. Address:

WELWOOD FARM, Farmer's Advocate, London, 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

DUROC JERSEY SWINE, JERSEY CATTLE

In Duroc Jerseys we have either sex of any desired age, bred from 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, ONT.

TAMWORTHS AND SHORTHORNS

Young sow, due to farrow within a month. Young pigs, both sexes, all descendants of Imp. and Silver Medal Stock. Ten young heifers and cows, grand milking strain, in calf to Broadlands No. 87908.

A. A. COLWILL, R.M.D. No. 2, NEWCASTLE, ONT.

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.

CHERRY LANE BERKSHIRES AND TAMWORTHS

In 1915 we made a clean sweep at all the Western shows in Berkshires and Tamworths; we have for sale both breeds of any desired age, winners in the West. First and third prize Berkshire boars at S. DOLSON & SON, NORVAL STATION, ONT.

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