

What's on the Fertilizer Bag?

Does your manufacturer print on the fertilizer bag, how much immediately available nitrogen (viz., Nitrates) it contains? Many do not. Home mixing is the safe, economical method. Mix your own fertilizers and know what you get.

My book "Home Mixing" free. Send post card for it, today.

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HIDES, SKINS, HORSEHAIR,
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OF GUNS, TRAPS, NETS,
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No. 3 HALLAM BUILDING - TORONTO

LABELS
Live-stock Labels for
cattle, sheep and
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by the Ketchum
Manufacturing Co.

Box 501, Ottawa, Ont. Write for samples and prices

Willowbank Dorsets

Our present offering, while not large, includes some extra good yearling and ram lambs. All imported sires. Jas. Robertson & Sons, Hornby, Ont.

TAMWORTHS

FOR SALE

Large number of choice males and females. All ages.

Herold's Farms, Beamsville, Ont.

Meadow Brook Yorkshires—Am offering sows ready to breed and a few choice boars fit for service; also several litters ready to wean Dec. 1st. All bred from prize-winning stock. Prices reasonable.
G. W. MINERS, R. R. 3, EXETER, ONT.

Yorkshires Sows 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.

Morrison Tamworths and Shorthorns. Bred from the prizewinning 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.

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.

Duroc Jersey Swine. I have been importing Duroc Jerseys for twenty-five years. Present offering some choice sows, bred; a few sows six months old and a number of pigs two months old.
Charles Farough R. R. 1, Maidstone, Ont.

TAMWORTHS

Young sows bred for April and May farrow, and a nice lot of young boars for sale. Write:
JOHN W. TODD, R. R. No. 1, Corinth, Ont.

Berkshire Pigs Registered stock, choicely bred, young boars, and sows in pig, all ages. Can supply pairs not akin.
CREDIT GRANGE FARM, J. B. Pearson, Mgr., Meadowdale, Ont.

Swine for Sale Am offering choice stock in Poland-China and Chester White swine of either sex; most any age. First-prize Poland-China herd, London and Toronto, 1915. Prices easy.
GEO. G. GOULD, R. R. 4, ESSEX, ONT.

Champion Berkshires—When buying, buy the best; our present offering are sons and daughters of the two great champions, Lucky Lad and Baron Compton, and out of winners, including champions. Both sexes.
W. W. Brownridge, Georgetown, Ont. R. R. 3

Gossip.

Volume 89 of the American Shorthorn Herd Book is now in circulation and a copy has been received at this office through the courtesy of the Secretary, F. W. Harding, Union Stock Yards, Chicago, Ill. The pedigrees of animals calved prior to February 2, 1916, are contained therein; bulls number from 437001 to 448000 and cows from 217001 to 236000. Needless to say the book is well printed and nicely bound. The list of owners and breeders, and the index to the animals are very complete.

D. C. Flatt, Hamilton, Ont., writes: "Among the young bulls we are offering is one that we think should be good enough to use on any herd in Canada. His dam and her dam have average yearly records of over 23,000 pounds milk and 1,028 pounds butter. The dam, her dam and sire's dam average 109 pounds milk a day, and 30 pounds butter a week. This bull was calved in April, 1916, and is a show calf. Don't miss him if you want a good one. He will be sold worth the money."

Attention is called to the Shorthorn sale, to be made by Thos. Thomas, Headford, Ont., near Richmond Hill. There will be sold the whole of the Shorthorns, excepting one or two that are too old to sell, that will be kept for milk cows. These Shorthorns have been bred by Mr. Thomson for some years, and they have paid their way with a good margin to spare, for they are both milkers and flesh makers. The best of sires have been kept, and the result is a uniformly good lot of cows, heifers and young bulls. Two stock bulls that should be interesting to the best breeders, if in want of a herd bull, will be sold.

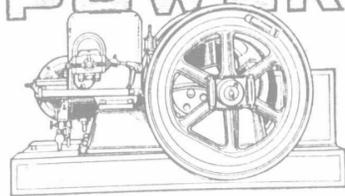
It will be easy to get to this sale, for it is near Yonge Street, from Richmond Hill, where cars will be met.

A. A. Farewell, Oshawa, breeder of pure-bred Holsteins, writes as follows: "You will, no doubt, be pleased to know I have just made some splendid seven-day records in the R. O. M. on the daughter of my senior sire, King Segis Walker. At one time I had six under test, and three more preparing. One at 3 years and 8 months has made 25.4 lbs.; another at 3 years 3 months has made 23 lbs. The last one at 2 years 4 months has made 15.50 lbs. Every one of his daughters of breeding age has now been tested, and their average records at 2 years and 6 months of age is 400 lbs. milk and a trifle over 20 lbs. of butter for the 7 days. The average test being 4 per cent. I would like to have your readers compare this showing with those of the daughters of any other Canadian sire. We think it puts him in a class by himself as a sire of producers, and his individuality is quite on a par with his pedigree."

The Canadian Shorthorn Sale.

If any man interested in such things has not been impressed with the importance of the great sale of Shorthorns in Toronto, it is time he was thinking seriously of what it means. It is the one annual opportunity of seeing a big lot of good animals of both sexes and all valuable offered from some of the most select herds in Ontario. They are always sold for what they bring, there are always good bargains, but the best and highest-priced ones have proven to be worth the cost, and the men that have bought them have been credited with buying the best and afterwards with producing the best that can be bred. Many great prize-winners and great sires have passed through this ring in the past ten years, and there will be more of that class in this sale, the Manager declares, than in any previous one. Perhaps the best bull ever sold by auction in Ontario will be one of them, but why mention in detail, when every animal is worthy of special mention. There are reduced rates on all Canadian railways starting in time to reach the sale from all points. Get a certificate when you buy a single fare ticket at starting point.

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A Page Engine Soon Pays for Itself

In the Page line of farm engines you have a choice of five sizes and two distinct types—for we now have introduced an engine burning Kerosene, which in its way is just as remarkable as the old Page Gasoline Engine. For every-day usefulness and all-round dependability,

you cannot find engines to duplicate these, even at much higher prices. A post card will promptly bring you full information about the Page—the engine that pays for itself in a short while, that furnishes power at Kerosene cost (less than half the price of gasoline).

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Cows give more milk and make more beef when they are kept in health and comfort. There's money in cows, but when neglected they don't pay their board. Cows cannot eat contentedly and turn feed into fat meat, milk, cream or butter if they are pestered with fleas, fight flies or scratch themselves all the time. Take care of your cow's health and comfort and she will pay her board and pay you a good profit also. You can insure a cow's health and comfort with a gallon of Zenoleum. It's the cheapest insurance and the best investment a farmer can have. Zenoleum is a highly refined Coal-tar product, having three times the disinfecting power of carbolic acid; has a pleasant smell; is clean to handle, is non-irritating, non-poisonous, non-inflammable, non-greasy and a "Safety Fire" article in every way. Practically every form of germ infection or disease may be cured by Zenoleum. It quickly heals sores and cuts. Where Zenoleum is properly used to disinfect barns, stables, pens and poultry houses—NO DISEASE EVER APPEARS. Used by 50 Agricultural Colleges. Ask your dealer or send direct to us.

ZENOLEUM

Large tin, Zenoleum costs \$1.50 and makes 80 gals. disinfectant-dip, enough for 160 head of cattle. Use as a wash or spray. A solution mixed with whitewash or sprayed about the barn and stable prevents disease.

FLY SKOOT

is a reliable fly repeller. Apply lightly with sprayer. Is not sticky or greasy. Its convenience at milking time alone, is worth many times its cost. Large tin, \$1.00.



Our Folder on DISEASES OF LIVESTOCK AND THEIR CURE—FREE. ZENNER DISINFECTANT CO., - Windsor, Ont.

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Largest and oldest importers and breeders of

OXFORDS

in Canada. Look up our show record. It will give you an idea of the kind of Oxfords we have for sale. PETER ARKELL & SONS, Proprietors, Teeswater, Ontario. Customers, beware of imitations of this advertisement.

YORKSHIRES FOR SALE

We have a large number of choice young males and females.

Weldwood Farm, Farmer's Advocate, London, 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. 87903. A. A. COLWILL, R.M.D. No. 2, NEWCASTLE, ONT.

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.

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, Ont. Langford Station on Brantford and Hamilton Radial.

Oak Lodge Yorkshires We are in a position to supply boars and sows of different ages. We have an established type of Yorkshires that have been produced through many years of careful breeding and selection.
J. E. BRETHOUR & NEPHEWS, Burford, Brant County, Ont.

LYNNORE ENGLISH BERKSHIRES

FOR SALE—Young stock of both sexes, bred from imported animals, high-class in type and quality. Also we are now offering for sale highly bred imported stock boar and sows. Write for particulars.
F. WALLACE COCKSHUTT, BRANTFORD, ONT. Lynnore Stock Farm—English Dairy Shorthorns & Berkshire Pigs.

MAPLEHURST HERD OF TAMWORTH SWINE

S.-C. W. Leghorns, White Rocks, Bronze Turkeys, Toulouse Geese and Pekin Ducks. This herd has won about 90 per cent. of the prizes offered in the last ten years at the Canadian National, Toronto, Ottawa, London, and Guelph Winter Fair.
D. DOUGLAS & SONS, R. R. No. 4, MITCHELL, ONT.

When writing please mention Advocate