


The Famous Steer RUBY ZENOLEUM International College Champion, 1906, Owned and Fed by Nebraska Experiment Station



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No other animal dip and disinfectant has so many real uses about the cattle-barn and feed-lot. It is valuable to the farmer and stockman, the beef-grower and the dairyman. Zenoleum kills lice, cures mange and all skin diseases. Heals sores and wounds. Stops contagious abortion. Prevents calf-cholera and scours. Its use makes clean surroundings.

ZENOLEUM

Destroys disease germs and prevents contagion. One gallon goes a long way with the average herd. Perfectly healthy animals are better producers and make greater profits. Zenoleum keeps stock well.

Forty-two State Agricultural Colleges Recommend It.

AT ALL DEALERS—Four sizes; eight ounce tin, 25c; thirty-two ounce, 50c; medium tin, 90c; large tin, \$1.50. Nearly any dealer in Canada will supply you with Zenoleum. If not, send to us.

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Our Broad Guarantee

If Zenoleum is not all we claim it is, or even what you think it ought to be, you can have your money back. No talk, no letters—just money.

64 Page Booklet

Zenoleum Veterinary Adviser written by Agricultural College Authorities. Positively Free for the asking. Send a postal quick.

The Zenner Disinfectant Co.
112 Lafayette Ave., Windsor, Ontario

SHORTHORNS AND LINCOLN SHEEP.

Two bulls, 11 and 12 months old—a Miss Ramden and a Bessie, both by the good breeding bull, Proud Gift—80077—(imp.), also cows and heifers in calf by him. Inspection solicited. Always have some choice Lincoln sheep for sale at reasonable prices.

J. T. GIBSON, DENFIELD, ONTARIO.

Scotch Shorthorns Claretts, English Ladies, Mildreds, Nonpareils, Stanfords, offerings by Springhurst 4484 and Mildred's Royal. Prices moderate. **F. W. EWING, Salem P. O., Elora Station.**

Spring Valley Shorthorns

Bulls in service are: Bayton Chancellor (imp.) = 40359 = (78286), Clipper Chief (imp.) = 64290 =. Stock for sale at all times.

CYLE BROS., Arr. Ontario.

John Gardhouse & Sons

Importers and breeders of Scotch Shorthorn cattle, Shire and Clydesdale horses, and Lincoln sheep. Call and see us.

Highfield P. O., Weston Station 3 1/2 Miles. Telephone.

LIVINGSTON'S OIL CAKE MEAL.

Nothing is better for fattening steers quickly and putting them on the market in prime condition than Oil Cake Meal. Thousands of Canadian and English stockmen use Livingston's, and would have no other. It is equally good for milk cows. They give more and better milk when fed Livingston's Oil Cake Meal. Also used for horses, sheep and hogs. Write for information regarding prices, etc., etc., to

DOMINION LINSEED OIL CO., LIMITED
Montreal, Que. Baden, Ont.

SHORTHORNS Maple Grove Shorthorns

One roan Shorthorn bull, 3 years old, highly bred, quiet to handle; a bargain. Cows and heifers all ages. Also a number of Chester White sows that will weigh from 100 to 150 lbs each. No fancy prices.

D. ALLAN BLACK, Kingston, Ont.



Herd headed by the grand show bull, Starry Morning. Present offering: Imported and home-bred cows and heifers, also a few young bulls. Terms and prices to suit the times. **C. D. WAGAR, Enterprise Stn. and P. O. Addington Co.**

Special Offering of Scotch SHORTHORN BULLS

3 just past two years old; 15 just over one year old; 7 just under one year old.

The best lot we ever had to offer in individuality and breeding, and prices are right. Catalogue.

John Glangy, Manager. H. GARGILL & SON, Gargill, Ont.

Queenston Heights SHORTHORNS

All Scotch. The thick-fleshed, early-maturing sort. Special prices on young stock, either sex. Ask for catalogue with sample pedigrees.

Hudson Usher, Queenston, Ont.
Farm three miles north of Niagara Falls.

SCOTCH SHORTHORNS!

We now offer four heifer calves 10 and 11 months old. All reds. Bred from imp sire and dams. Will be sold right. **C. RANKIN & SONS, Wyebidge P. O., Wyvale Sta.**

Greengill Herd of High-class SHORTHORNS

We offer for sale choice young bulls from 6 to 12 months old, sired by imp. Lord Roseberry, also cows and heifers, with calf at foot or bred, either imp. or Canadian-bred.

R. MITCHELL & SONS, Nelson P. O., Ont., Burlington Jct. Sta.

IMPORTED SHORTHORN BULL, Royal Kitchener—60084—, five years; quiet; active; sure. Will sell or exchange. Also young stock sired by him, and out of imp. and home-bred cows, for sale. **Ira B. Vannatter, Balinabad P. O., Erin, C.P.R.; Georgetown, G.T.R.**

QUESTIONS AND ANSWERS. Miscellaneous.

REMOVING STUBS FROM HEN'S LEGS.

I have a Buff Orpington hen, which has stubs on her legs. I have tried several things, but can only get rid of them for a time. What remedy would you use to get rid of them entirely?

A SUBSCRIBER.

Ans.—Why do you want to get rid of the stubs or feathers on the hen's legs? Do you think the hen will be less likely to breed feather-legged chicks with the stubs removed? If you pull the feathers, the holes are there, and if the judge sees the holes it is as bad in the show-ring as seeing the feathers. If your object is to make the bird more pleasing to yourself, and the holes in the legs where the feathers came out are not unsightly, the only thing to do is to keep on pulling, unless you burn the holes with a hot needle, and this I would not advise.

W. R. G.

TUBERCULOSIS IN FOWL.

My hens go lame, limp around for a while, then can't walk at all, and at last just sit stupid till they die; eat well at first, but not at last. Discharge is slimy, and of a greenish-yellow color. Have fed Pratt's poultry food and other medicine; whitewashed roosts, and try to keep the place clean. They took it last winter. Ration: mixed grain, mangels, milk, etc.

A. L.

Ans.—This looks to me to be a case of tuberculosis. The symptoms are very similar to this disease. There would be no treatment, except to kill and burn the sick, and use lime freely under the roost. A pint of carbolic acid added to a bushel of lime would improve matters. If your correspondent wants to make sure of the disease, I would suggest that a sick bird be sent to the Laboratory here for examination.

W. R. G.

O. A. C., Guelph.

TURKEYS DYING.

I have a very nice flock of turkeys, numbering twenty-five, and very near fit for sale. They are taking sick, and die in about twenty-four hours. They bunch up, will not eat, beak turns white, act very stupid. I have lost two, and another one is sick. I feed wheat, corn, barley and peas mixed, a little corn alone. Could you tell me what to do?

M. J. H.

Ans.—The turkeys are evidently eating something that is making them sick. I have known new barley, when fed in large quantities, to cause serious indigestion, but when a bird is sick but twenty-four hours I do not know what would be the cause. I would leave the peas and barley out of the feed, and give each sick bird at least a dessertspoonful of castor oil.

W. R. G.

GOSSIP.

Attention is called to the advertisement in this issue of an extensive auction sale of Percheron horses, cattle, hogs, hay, straw, grain, etc., the property of Mr. Garnet M. Wigle, Ruthven, Ont., to be held on his farm on December 4th. This is a clearing sale, without reserve, and should attract a large attendance, as the probability is that bargains will be going.

Wisconsin boasts of the champion butter-fat producing cow of the Holstein variety. Colantha 4th's Johanna, bred and owned by W. J. Gillet, of Rosendale, recently completed an official test, in which she produced, in seven consecutive days, at forty-nine days from calving, 651.7 lbs. of milk, 28.176 lbs. of butter-fat, equivalent to 32.87 lbs. of commercial butter. Colantha produced in one day over 4 1/2 lbs. of butter-fat, equivalent to 5.36 lbs. of butter, and her average production for the seven days came to within half a pound of this amount, and she averaged 3.694 lbs. for thirty days, and 3.473 lbs. for sixty days. She is eight years old, and has been kept under ideal conditions. She had not calved for three years prior to that time, and gave milk to within a couple of weeks of last calving. Her daily feed during the seven-day test was well-earned and matured corn silage (about 30 lbs. eaten), 10 lbs. clover hay, 35 lbs. sugar beet, 21 lbs. of a grain mixture consisting of equal parts by weight of bran, ground oats, and gluten food, and 3 lbs. of oatmeal.

Lump Jaw

The first remedy to cure Lump Jaw was

Fleming's Lump Jaw Cure

and it remains today the standard treatment, with years of success back of it, known to be a cure and guaranteed to cure. Don't experiment with substitutes or imitations. Use it, no matter how old or bad the case or what else you may have tried—your money back if Fleming's Lump Jaw Cure ever fails. Our fair plan of selling, together with exhaustive information on Lump Jaw and its treatment, is given in

Fleming's Vest-Pocket Veterinary Adviser

Most complete veterinary book ever printed to be given away. Durably bound, indexed and illustrated. Write us for a free copy.

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

1854 Maple Lodge Stock Farm 1907

Some choice Shorthorn heifers and young bulls for sale. Our Leicesters are exceptionally good this year. Rams and ram lambs and ewes for sale.

A. W. Smith, Maple Lodge, Ontario

T. DOUGLAS & SONS

STRATHROY, ONT.



Breeders of Shorthorns and Clydesdales. 15 bulls, 60 cows and heifers, 1 imp. stallion imp. and home-bred allies. Write us what you want or come and see our stock. Farm 1 mile north of town.

PLEASANT VALLEY SHORTHORNS

For sale: 3 young bulls by Old Lancaster Imp., from imp. dams, including Lancaster Victor, first prize sr bull calf at Dam at Sherbrooke, second at C. N. E. Toronto. Correspondence solicited. Inspection invited.

Geo. Amos & Son, Moffat Stn. & P.O. C. P. R. Farm 11 miles east of City of Guelph.

DOMINION SHORTHORN HERDBOOK WANTED.

The Dominion Shorthorn Breeders' Association will pay \$1 each for the following volumes of their herdbooks: Volumes 8, 9, 13, 14, 15, 16, 17 and 19. Parties having these volumes to part with, write for wrappers and mailing instructions to

W. G. Pettit, Sec.-Treas., Freeman, Ont.

A. EDWARD MEYER, Box 378, Guelph, Ont.

Breeds **SCOTCH SHORTHORNS** of the following families: Cruickshank Belonas, Myries, Brawith Buds, Villages, Broadhooks, Campbell Claretts, Minas, Urrys, Bessies, Bruce Mayflowers, Augustas, Marr Missies and Lovelaces, and others. Herd bulls: Scottish Hero (imp.) = 56042 = (90065), Siltyston Lad = 67214 =. Correspondence solicited. Visitors welcome. Long-distance 'phone in house.

JOHN LEE & SONS, Highgate, Ont.



SHORTHORNS & LINCOLNS

The champion herd of Highgate and Essex counties.

For Sale: 6 choice young bulls 3 reds and 3 roans, of grand type and quality; also good selection of young cows and heifers. Visitors welcome.

FLETCHER'S SHORTHORNS & YORKSHIRES

Present offering: My \$2,000 stock bull, imp. Joy of Morning = 32070 =, 8 years old, winner of 1st prize at Dominion Exhibition, Toronto. Quiet, active and sure. Will sell or exchange. Also young stock of either sex. In Yorkshires: choice sows bred, and boars fit for service, from imp. sire and dam, at your own price. **GEO. D. FLETCHER, Binkham P. O., Ont. Erin station, C. P. R.**

Clover Lea Stock Farm SCOTCH SHORTHORNS

Superior breeding and individual excellence. For sale: Bulls and heifers—reds and roans, some from imp. sire and dam. Visitors met at Ripley station, G. T. R.

R. H. REID, PINE RIVER, ONTARIO.

MAPLE GROVE SHORTHORNS

Scotch and dairy bred; up-to-date in type; prize winners at the local shows. A number of 1 and 2 year old heifers 1 year old bull, and one 5 mos. old—the last will make a show bull. Flora bred—will be sold easy.

L. B. POWELL, Wallenstein P. O. and Stn. C. P. R.

Brown Lee Shorthorns

Nonpareil Victor = 63307 = at head of 'erd. Young stock for sale at all times. Prices very reasonable. **Ayr, C. P. R.; Drumbo, G. T. R. DOUGLAS BROWN, Ayr, Ont.**

ELM PARK STOCK FARM

Shorthorns, Clydesdales and Berkshires. Stock for sale at all times. Herd headed by British Flag (60016) (82971). **JOHN M. BECKTON, Glencoe, Ont. G. T. R., C. P. R. and Wabash R.**