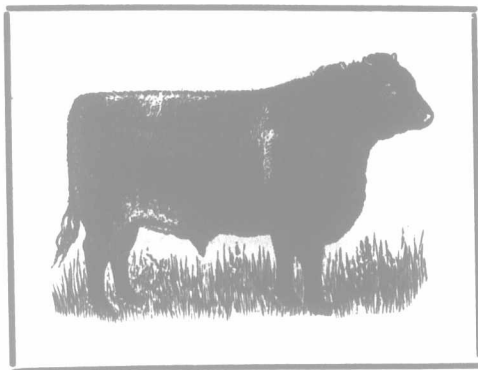


EXECUTOR'S SALE

OF HIGH-CLASS IMPORTED AND CANADIAN-BRED

Shorthorns

At the Sale Pavilion of the Union Stock
Yards, Toronto Junction, Toronto, Ont.

Thursday, June 11th, '08

AT ONE P. M., WITHOUT RESERVE.

There will be sold the entire herd of 43 head of Imported and Canadian-bred Shorthorns, the property of the estate of the late William Hendrie, Valley Farm, Hamilton, Ontario.

TERMS CASH.

Auctioneers CAPT. T. E. ROBSON.

For further particulars and catalogues, apply to

T. M. POULTER, 52 King St. E., Hamilton, Can.

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Scottish and Canadian winners, stallions, mares and fillies. The Clyde^s represent the blood of such noted sires as Baron's Pride, Up-to-Time, Royal Favorite, Bithopia and Aome. They combine size, quality and action. The French Coachers are a big, flashy, high-stepping lot, and are winners in both France and Canada. Our prices are right, and our horses as good as the best. Long-distance telephone.

ROBT. NESS & SON,

HOWICK, QUEBEC.

GOSSIP.

GLENORE ABERDEEN-ANGUS.

Three miles from Alton Station, on the Orangeville branch of the C. P. R., lies Glenore Stock Farm, the property of Geo. Davis & Sons, breeders of Aberdeen-Angus cattle. Their herd, now some 40 strong, all belong to the noted Mayflower and Fair Lady strains, two of the most fashionable tribes in Scotland, noted for their thick, even-fleshed, early-maturing and easy-feeding qualities. The stock bull is Hamilton Boy 2049 (C), 63183 (A); sired by Bruno 3rd 1038 (C); dam Questra (imp.), of the well-known Corkie tribe, by Game Cock. As an individual, he ranks among the real good ones, and as a sire he certainly is possessed of the power of transmitting his good qualities. All the animals of this herd are recorded in both the Canadian and American herdbooks. The foundation cows were of the Mayflower tribe: Brunette 808, by Prince of Kinouil Park 806, grandam Mayflower 13th (imp.), of the Fair Lady tribe; Fair Lady of Cold Creek 1372 is by Laurier 271. For sale are a number of choice heifers, from one to three years of age, and seven bulls, from five months to two years of age, among which are show stuff of a high order. For several years, Angus fat steers have won championship honors in England and at the Chicago International. On grade herds, for breeding purposes, no better cross can be found than by using an Angus bull. This lot will be sold well worth the money. Address to Alton P. O., Ont.

Clara.—She puts lots of feeling into her singing, doesn't she?
Ferdie.—Yes; but it must be awful to feel that way.

QUESTIONS AND ANSWERS.
Miscellaneous.AGRICULTURAL REPORTS —
ROAD GRADER FOR DIGGING
TILE DRAINS — FERTILIZER
FOR ROOT CROPS—STOMACHS
OF THE COW.

1. How could I arrange to have reports of the Canadian Seed-growers' Association, Dairymen's Association, etc., sent to me as soon as published?
2. How can I secure reports of the Macdonald College?
3. Have any readers had experience digging for tile drains with road grader?
4. What is a good commercial fertilizer for mangels and turnips that is immediately available? What have experiments shown to be the yield on fertilized and unfertilized plots?
5. Can anyone describe an implement for turning over manure in a barnyard, to be worked by team?
6. Please describe the stomachs of a cow and function of each?
7. What is a good tonic to give after indigestion?

R. G.

Ans.—1. For the reports of the Canadian Seed-growers' Association, address the Secretary, L. H. Newman, Canadian Building, Ottawa, Ont. For the annual reports of the Dairymen's Associations, and other Provincial agricultural organizations, communicate with the Ontario Department of Agriculture, Parliament Buildings, Toronto, asking them to place your name upon their permanent mailing list for the publications desired.

2. Address Dr. Jas. Robertson, Principal Macdonald College, Ste. Anne de Bellevue, Que.

3. Experience of readers is invited.

4. A home-mixed fertilizer that should prove fairly prompt in its action would consist of 50 pounds nitrate of soda, 300 pounds acid phosphate, and 100 pounds muriate of potash. For mangels, the acid phosphate might be reduced to 200 pounds, while for turnips it might prove economical to reduce the potash to 50 or 75 pounds. To correspond with the formulae commonly recommended, the proportion of nitrate of soda should be about double what we have recommended, but as commercial nitrogen is now so very expensive, being worth upwards of twenty cents a pound, whereas potash and phosphoric acid may be purchased for about six cents, economy demands that the proportion of this element be minimized. In this connection, it should be remembered that nitrate of soda is very soluble, and produces most of its effect the first season; indeed, for best results it should be used in two applications, at intervals of two or three weeks. On the other hand, our most available potassic and phosphatic fertilizers yield only part of their benefit the first year, the residuum remaining in the soil to benefit subsequent crops, particularly a following seeding of clover. Therefore, while we would not recommend dispensing with nitrogen altogether, we would make freest use of the mineral elements above named.

5. A pair of handles, a cross bar in which are four or five concavely-curved tines of seven-eighths-inch iron, with a draw-bar at each end of cross-bar, describes in brief the principle of construction. It turns over much as an ordinary scraper.

6. The stomach of ruminants is a very complex organ, consisting of four compartments, which vary in size and form and in the disposition of the mucous coat. The first is the rumen or paunch, occupying about three-quarters of the abdomen and situated on the left side; second, the reticulum or honeycomb; third, the omasum, or manyplies, and fourth, the abomasum or true stomach. The first three are principally concerned in preparing food for the fourth, having little to do with what is called the essential process of digestion. The process of rumination is believed to be effected as follows: The food, when swallowed falls into the rumen, where it is tossed about by muscular action, and saturated with fluid; a portion is thrown through the valvular opening into the reticulum, and receives a further supply of liquid, and the finer particles are separated from the coarser; the former proceed to the omasum, the coarser portions, by the muscular contraction of the reticulum, the relaxation of the

(Continued on next page.)

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To reduce herd will sell:
10 cows at \$100 each
10 heifers at 50 each
10 bulls from \$50 to 100 each
Come and see them or address

M. H. O'NEIL,
Southgate, Ontario.

Glenore Aberdeen Angus. 40 head of the Mayflower and Fair Lady tribes. For sale: 7 bulls, from 5 mos. to 2 years of age; heifers, from 1 to 3 years. A choice lot and sold right. Geo. Davis & Sons, Alton, Ont. Station, C. P. R.

ABERDEEN - ANGUS

For sale, 50 head to pick from, males or females by imported sires. Drambo station.

WALTER HALL, Washington, Ontario.

Aberdeen - Angus Bulls!

Two nice young Aberdeen-Angus bulls for sale at a bargain; also females.

J. W. BURT, Geningsby, Ont.
Erin station, C. P. R.

"That famous railroad man, the late Samuel Sloan," said a New York banker, "loved fast trains, and hated slow ones. They tell a story about a trick he once played on a railroad whose service was notoriously slow."

"Having, several times, to use this railroad's afternoon accommodation, he caused a sign to be painted, which he took from his pocket and hung in front of one of the cars when nobody was looking. The sign said: 'Passengers are requested not to pluck flowers while the train is in motion.'"



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