

Maple Shade

Shorthorns & Shropshires

One yearling Lavender bull for sale. Younger bulls growing. All shearing rams and ewes sold. Will sell a few good ram lambs.

JOHN DRYDEN & SON, Brooklin, Ont.

Stations: Brooklin, G. T. R.; Myrtle, C. P. R.
Long-distance telephone.

Pure Scotch Shorthorns

We are offering 10 young bulls, fit for service, all from imported sires and dams, among them some choice herd bulls. Cows and heifers of all ages, including some excellent show heifers. One imported Clydesdale mare, four years old, with an extra good foal at her side. Young Yorkshires of both sexes. Long-distance telephone.

W. G. PETTIT & SONS, Freeman, Ont., Burlington Jct. Stn.

Shorthorns!

BELMAR PARC.

John Douglas,
Manager.

Peter White,
Pembroke, Ont.

Calves for sale by our grand quartette of breeding and show bulls:

Nonpareil Archer, Imp. Proud Gift, Imp.
Marigold Sailor. Nonpareil Eclipse.

Females. Imported and from imported stock in calf to these bulls.

An unsurpassed lot of yearling heifers.



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 Clancy,
Manager.

H. CARGILL & SON,
Cargill, Ont.

QUEENSTON HEIGHTS SHORTHORNS

(All Scotch.)

Farm three miles north of Niagara Falls.

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

Hudson Usher,
Queenston, Ont.

Elm Park Scotch Shorthorns

Special offering: Stock bull, British Flag (imp.) (50016)—sure and active and a grand sire; cows with calves and bred again; also heifers and young bulls, sired by British Flag and Hot Scotch. A choice lot.

JOHN M. BECKTON, GLENCOE, ONTARIO.

G. T. R., C. P. R. and Wabash. Farm adjoins town limits.
Visitors met by appointment.

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.

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.

Spring Valley Shorthorns

Bulls in service are: Bapton Chancellor (imp.) = 40359 = (78286), Clipper Chief (imp.) = 64230 =.
Stock for sale at all times.

MYLE BROS.,

Ayr, 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.

MAPLE GROVE SHORTHORNS

Scotch and dairy bred; up-to-date in type; prize-winners at the local shows. A number of 1 and 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.

Fletcher Shorthorns and Yorkshires

I have decided to offer for sale my best stock bull, (imp.) "Joy of Morning" (50016), also a choice lot of young heifers and bull calves. In Yorkshires, a choice lot of young sires, a few imported hogs; also boars ready for service, all direct from imported stock.

FLETCHER, Binkham P.O., Binkham, Ont.

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.

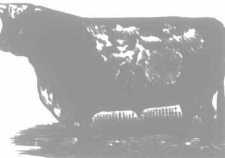
SHORTHORNS AND LINCOLN SHEEP.

Two bulls, 11 and 19 months old—a Miss Ramsden and a Bessie, both by the good breeding bull, Proud Gift = 50077 = (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.

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.

Maple Lodge Stock Farm 1854-1907.

Am now offering a grand lot of young Shorthorn Bulls, several from choice milking strains. Also a few extra good heifers.

A. W. SMITH, MAPLE LODGE, ONT.

Maple Grove Shorthorns



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.

Thorold	Oct. 8, 9
Thorndale	Oct. 1
Tillsonburg	Oct. 1, 2
Tiverton	Oct. 1
Tweed	Oct. 2
Utterson	Oct. 1, 2
Underwood	Oct. 8
Vankleek Hill	Sept. 13, 14
Watford	Sept. 25, 26
Waterford	Oct. 3
Walkerton	Sept. 19, 20
Warkworth	Oct. 3, 4
Wallaceburg	Oct. 3, 4
Wallacetown	Sept. 26, 27
Waterdown	Oct. 1
Wellesley	Sept. 23, 24
Western Fair, London	Sept. 6 to 14
Wellandport	Oct. 10, 11
Welland	Oct. 1, 2
Williamstown	Sept. 25, 26
Windham Centre	Oct. 8
Wingham	Sept. 26, 27
Winchester	Sept. 5, 6
Warton	Sept. 25, 26
Woodstock	Sept. 18, 19, 20
Wooler	Sept. 18
Wyoming	Sept. 27, 28

TRADE TOPIC.

Jamestown, Va., Aug. 20th.—An apparatus that shows how one man and two horses can do the work formerly requiring five men and ten horses, and do it better, is a prominent feature of the International Harvester Company's exhibit in the States building at the Exposition here. It is examined critically by the hundreds of farmers who come here from all parts of the country, and the verdict of approval is unanimous.

It is in solving the problem of fertilizing the soil that this invention comes into play. The farmer ever seeks to make two blades of grass or two ears of corn grow where one grew before, and here the question of labor often becomes acute. His land must be fitted to do two things: it must furnish a home for the plant, where its roots can take hold, and it must provide nourishment for the growth and fruition of the plant. For the latter purpose, especially, the farmer must aid nature by a supply of fertilizer.

There are all sorts of fertilizers, natural and manufactured, but that upon which the greatest reliance is placed and from which the most desired results are obtained, is barnyard manure. The common way of applying this is to load it upon a wagon, haul it to the field, and scatter it upon the surface with pitchforks wielded by hand. This process is slow and laborious. It requires severe physical exertion, and when the laborer is careless or shirks, the result is inadequate.

Now the Harvester Company shows to the farmer a conveyance—like an ordinary Concord wagon in general appearance, which, loaded like the wagon, and like it hauled to the field, automatically dissects and tears to pieces the load of manure, then scatters it evenly over a radius equal to that of the hand-wielded pitchfork till the last fragment of the load is disposed of. This, while the horses are kept at a brisk walk, the driver sitting still upon his seat and manipulating a lever or two as the exigencies of his course may require.

The load scattered, he returns to the yard for another, and the process is repeated. It is asserted that one spreader will distribute in a day fully five times as much fertilizer as can be done by the wagon unloaded by hand.

There is a 6,000-acre farm in North Dakota where ten of these spreaders are kept busy in seeding time. This is a striking recognition of the machine's value where large areas are cultivated.

Simplicity controls in the design and operation of the apparatus. A single lever controls the mechanism. A vibrating rake levels the load, a cylinder with long, square teeth pulverizes the material. The distribution is done by an endless apron. A large sprocket on the rear axle furnishes power to a heavy drive chain that turns the cylinder and operates the apron. The sprocket is controlled by a clutch, operated by a lever close to the driver's hand. The apron drive feed is always under easy control of the driver, who can at will regulate the quantity distributed. A bright boy who can drive the team can operate the spreader as well as a man. The spreaders are equipped at will with hitches for two, three or four horses.

The Guided Practice of Life.

A good example of the rapt, breezy fluency of the West was the speech of President Benjamin Ide Wheeler, of the University of California, at the semicentennial celebration of the Michigan Agricultural College. President Wheeler is described as one of the biggest men in the educational world in the United States, and is particularly well known in the West and Middle West. He said, in part:

"California sends greeting to Michigan. The orange makes obeisance to the yellow-tasselled corn. The valleys that mediate between the Sierras and the great ocean reach forth their hands to the prairies that hold the balance between the lakes and the waters which seek the gulf. The College of Agriculture at Berkeley salutes its elder brother, who, as pioneer, opened for it the first paths and cut the brush. We learned both from your gropings and your findings, and we thank you for both. We know with you what it means to labor on the frontier, and we share with you the blessed Western experience of trying and risking in a virgin field whereby to irritate and teach the self-satisfied composure of the East.

STILL THE FRONTIER.

In 1857 Michigan was, in things cultural, still the frontier, and the establishment here of agricultural education handed back a firebrand into the complacent usage of the East. To speak of torches tied to foxes' tails and sent into the standing grain of the Philistines is only an agricultural figure of speech, and incompetent to express the trouble and the germs of trouble thereby infused into the entire circulatory system of all American education. The agricultural colleges and the State universities, which in many States have included the colleges and have been infected by their spirit, are a distinctive product of the West, and have embodied a fresh and vitally new idea of education, and what it is all about.

Centuries of separation from the life-need that begat it had made the mechanism of education largely a formal instrument of discipline. The significance of the agricultural college for the whole trend of American education was its native effrontery in frankly seeking for life-training a new connection with real life-use, and this significance exceeds, in service to the nation, even the weight of the benefits wrought for the tilling and the tiller of the soil.

THAT MEN MAY LIVE.

Within the fifty years that have followed upon the beginning of your Michigan experiment, and under the quickening influence of your venture and others that succeeded it, the whole nation of teachers has been assuming a new conception of the whole meaning of their task. They now seem to be learning that education inheres not in what you put into a man or what you hang on to a man, nor yet in sterilizing him or shaving him down to a standard shape; but in giving him, such as he is, and such as his life activities may be, the opportunity in and through those activities, of living his life fully and effectively and abundantly. Such education will, therefore, address itself perforce to the real doings and exercises of real life, and its definition will be: The guided practice of life, to the end that men may live.

"Small matter, indeed, was this school for farmer boys at Lansing in 1857, a weird undertaking, though, and audacious, not prescribed in the books, unapproved of the elders, but behold, the stone which the builders rejected, it has become the head of the corner."

Mr. John M. Beckton, Glencoe, Ont., who advertises in this paper, writes: "The imported Shorthorn bull, British Flag (50016), I am offering, is five years old, sure and active. He was bred by A. Campbell, Deystone, Kintore, Scotland, sired by Golden Fame (76786), by Lord of Fame, bred by Wm. Duthie. He has proved himself a good sire, and I am only selling on account of his heifers coming of breeding age. The cows and heifers offered are a good lot, and by such sires as Chief of Stars (imp.) (32054), Ivanhoe (17645), Prince Roy (13652), Palermo (imp.), British Flag and Hot Scotch (champion at London). Any or all of these will be priced right for quick sale, and correspondence or inspection of the herd solicited."