

Maple Bank Stock Farm

15 SHORTHORN BULLS
with Scotch-topped pedigrees. Splendid reds and roans, and sired by Valkyrie 1806, and out of dams by Young Abbotsburn's Heir 1897 and Imp. Mariner 2720. Also a few good females of all ages and in good form. Farm one mile from depot. T. DOUGLAS & SON, Strathroy, Ont.

HERD ESTABLISHED 1855.
Shorthorns and Berkshires
10-YOUNG BULLS-10

And a few heifers, by Isabella's Heir = 19550, and richly bred on their dam's side; also a few young boars fit for service.

JAMES DOUGLAS, -om Caledonia, Ont.

F. Bonnycastle & Sons,

CAMPBELLFORD P. O., ONT.,

Offer for sale the stock bull
Redman = 21765 =,
sired by Toffthills (imp) = 11113 =,
dam Canadian Duchess of
Gloster 22nd = 24849 =; also a
few cows and heifers. A choice
lot of Berkshire pigs from four
weeks to six months old. -o

"MAPLE SHADE"

WE OFFER AT REASONABLE PRICES

Six-Massive Shorthorn Bulls-Six

FROM 7 TO 12 MONTHS OLD.

FORM. FLESH. SUBSTANCE. PEDIGREE.

ALL RIGHT.

John Dryden,

BROOKLIN, ONT.

Merton Stock Farm

YOUNG

BULLS,

HEIFERS,

AND COWS

ON HAND.

David Hill,

STAFFA, ONT.

Prices right. -o

JAMES E. GAUNT,

ST. HELEN'S, ONTARIO,

Is prepared to conduct public sales of pure-

bred stock in all parts of the Province.

Practical experience, combined with a

thorough understanding of pedi-

grees and breeding. -om

Satisfaction Guaranteed.

SPRINGFIELD FARM

HERD OF

Shorthorns, Oxfords

and Berkshires.

Young Bulls & Heifers

on hand. Also a few

choice Berkshires.

CHAS. RANKIN,

Wyebridge, Ont.,

Simcoe Co. o

SHORTHORN CATTLE

Six topy Scotch-bred young bulls; most of

them fit to head first-class herds, and a num-

ber of good females for sale. Nice Barred Ply-

mouth cockerels.

H. SMITH, Hay, Ont.

Exeter, G. T. R., 1/2 mile. -om

Shorthorns, Shropshires and Berkshires.

Indian Statesman = 23004 = at the head of

the herd. 12 choice young bulls, and 15 two-

year-old heifers and young cows forward in

calf; 15 ram lambs, quality got by Imp. Flash-

light, and 12 choice yearling ewes, and Berk-

shire boars and sows of all ages.

W. G. PETTIT & SON, FREEMAN P. O.

Farm 1/2 mile from Burlington Station, G. T. R.

4 SHORTHORN BULLS

from 5 to 18 months, by Elvira's Saxon 21624

and from Viola bred dams.

R. MITCHELL & SON,

Burlington Station, Nelson P. O.

9 CORDS IN 10 HOURS

SAWS DOWN TREES

SAWS DOWN TREES

SAWS DOWN TREES

SAWS DOWN TREES

SAWS DOWN TREES

SAWS DOWN TREES

BRAMPTON JERSEY HERD

Offering high-class
A. J. C. C. cows and
heifers in calf and
heifer calves; 9 choice
young bulls. High-
grade cows in calf;
and Berkshires.
R. E. BULL & SON, Brampton

FOREST HERD OF JERSEYS

High-class individuals, rich in St. Lam-
bert and Tormont blood. Cows, heif-
ers and bulls for sale. Have a number
of heifers sired by Oonan's Harry Pogis,
son of Ida's Stoke Pogis, sire of 28 tested
daughters, and full brother in blood to
Exile of St. Lambert, sire of 52. Herd
close to town. Come and see, or address
H. FRALEIGH, -o Forest, Ont.

WILLOW GROVE

HERD OF JERSEYS

Offering: Eight females, to calves
shortly; three bulls, out of
tested cows; four heifer calves. Prices right.
Come and see them. -om

J. H. SMITH & SON, Highfield, Ont.

BUTTONWOOD JERSEY HERD

FARM

OFFERS six richly bred young bulls from

show-ring winning dams, and such sires

as King of Highfield and Violet's Leo.

both sweepstakes bulls. Settings from B. P.

Rocks, Black Minorcas, and Grey Dorkings.

Correspondence solicited.

S. Wicks & Son,

1-12-om MOUNT DENNIS, ONT.

Farm 7 miles from Toronto market.

Barred Plymouth Rocks

DIRECT FROM IMPORTED STOCK.

A grand lot of cockerels and pullets, well

barred, large, strong, robust, healthy

birds. For prices write

W. C. SHEARER,

BRIGHT, ONTARIO.

\$700

for seven of the richest bred

pure St. Lambert cows in

Ontario. All daughters and

G. daughters of King Hugo of St. Annes

16396 and old St. Lambert's Beauty 11063. All

show animals. Address:

om ROCK BAILEY, Union, Ont.

GLEN ROUGE JERSEYS.

WILLIAM ROLPH, Markham, Ont., offer-

ing twelve Jersey Bulls and Heifers (pure St. Lam-

bert), out of tested cows. Grand individuals.

Prices right. -o

MAPLE CITY JERSEYS.

3 JERSEY BULLS FOR SALE 3

Another chance to procure a choice young

Bull from that grand stock bull Massena's

Son (17065); will be sold cheap if taken at once;

also one bull two years old by Hugo Alpha of

Oakland. **W. W. EVERITT,**

Box 552, Chatham, Ont.

JERSEYS, AYRSHIRES, BERKSHIRES

Offering one grandly-bred Ayrshire bull calf,

and a few young boars from Small-bred stock.

WILLIAM CLARK, o MEYERSBURG, ONT.

Meadow Brook Jerseys

Am offering one calf and one yearling bull,

g-grandsons of old Massena, for sale at right

prices if taken at once. Also a few choice

females, rich in St. Lambert blood.

o EDGAR SILCOX, Sheddin P. O., Elgin Co.

Ingleside Herefords.

UP-TO-DATE HERD

OF CANADA!

Send for

illustrated

catalogue.

Tamworths

Berkshires.

Address -

H. D. SMITH,

17-7-om Compton, Que.

GUERNSEYS

2 Choice Bull Calves... and 5 Heifers for sale...

Also -

Tamworth and Berkshire Pigs.

W. H. & C. H. MCNISH, LYN, ONT.

GUERNSEYS

This is the Dairy breed for ordinary farmers.

Large, vigorous and hardy, giving plenty of

rich milk. Several fine young bulls for sale at

very reasonable prices. A few heifers can be

spared.

Address: **SYDNEY FISHER,**

Alva Farm, Knowlton, P. Q.

NOTICES.

The enterprise of the Principals of the Fed-
erated Business Colleges, of Hamilton and
Galt, has enabled the patrons of these repre-
sentative business schools to enjoy the latest
and best things in practical education. The
most striking feature is the system of Inter-
collegiate Business Practice, whereby the
students of the Hamilton Business College
and those of the Galt Business College trans-
act business daily by means of the post
office. C. R. McCullough is the president of
the Federated Colleges.

MODERN CARRIAGE BUILDING.

We recently called upon the McLaughlin
Mfg. Co., of Oshawa, Ont., and were pleased
to find that they were working to their full
capacity of about two hundred men. They
had just completed a very large addition to
their already large factory, and which will
give them, we understand, the greatest
capacity of any Carriage Works in Canada.
Their goods are shipped all over the world,
and at the time of our visit they had shipments
ready for New Zealand, New South Wales,
and India. We also noticed a large shipment
for British Columbia and Halifax, N. S., all
of which goes to show the extent of the
Company's business.

ALL ABOUT PORK.

The last quarterly report of the Kansas
State Board of Agriculture, of which Mr. F.
D. Coburn, Topeka, is the secretary, is a fine
illustrated publication, devoted wholly to the
subject of "Modern swine, swine-rearing, and
economical and profitable pork-production,
particularly under conditions existing in
Kansas," which is described as a "corn orchard
parked with grasses." Since Canada bacon
now tops the British market, a considerable
proportion of the space in this report is
naturally devoted to describing Canadian
methods of breeding, feeding and manag-
ing swine, as set forth in a lengthy series of
articles appearing in the FARMER'S ADVOCATE
during the past season, which are reproduced
in their entirety in this report.

AGRICULTURAL EXPERIMENTAL UNION.

We have received the programme of the
next annual meeting of the Ontario Agricul-
tural and Experimental Union, which is to be
held at the Agricultural College at Guelph.
The Union will commence with a public meet-
ing in the large convention hall on the Col-
lege grounds on the evening of December 7th.
There will be six sessions in all, and the meet-
ing will close on Friday afternoon, the 9th of
December. The summary results of the field
experiments conducted this year on over three
thousand farms will be presented and dis-
cussed at the meeting. This, along with the
reports on co-operative work in horticulture,
dairying, beekeeping, soil physics, and the
weeds of Ontario, should make the meeting
interesting and profitable to all. Prof. C. F.
Curtis, director of the Agricultural Experi-
ment Station of Iowa, and Mrs. E. T. Rorer,
principal of the Philadelphia Cooking School,
have been engaged to speak at the meeting.
The Guelph Fat Stock and Poultry Show and
the annual meeting of the Ontario Beekeepers'
Association are both to be held in Guelph on
the 6th, 7th and 8th of December, and the
annual meeting of the Guelph Poultry Asso-
ciation on Thursday of the same week.

TOP-DRESSING FOR PASTURES.

"In most cases stock undoubtedly prefer the
herbage grown on land treated with what is
known in Canada as Thomas' Phosphate.
Fertilizer or other phosphate, and this, it would
appear to me, for the following reasons: (a)
Because when the plants that form the herbage
of grass land obtain a supply of suitable
phosphate they are able to carry on their vital
functions satisfactorily and to produce large
quantities of starch and sugar, and these
appeal strongly to the appetites of stock, with
the consequence that such herbage is much
sought after by animals. (b) Because plants
that are properly nourished are more succu-
lent than half-starved plants. (c) Because
plants that stock relish are greatly stimulated
in growth, and soon form a large proportion
of the herbage. This, as is well known, is mark-
edly the case with white clover. It is perfect-
ly astonishing what wonderful results succeed
the application of Thomas' Phosphate under
favorable circumstances. In the spring of 1897
I selected two three-acre plots of ground in a
heavy clay field of poor pasture, and applied
10 cwt. of Thomas' Phosphate per acre to one
of the plots, leaving the other untreated.
Each plot was securely fenced off, and pro-
vided with water. Eight sheep were put on to
each plot, and grazed for four months, being
removed in the middle of October. This
season the phosphated plot was so much im-
proved that it has carried twelve sheep for
four months, whereas the untreated plot is
much poorer with only six sheep. In 1897 the
sheep grazing the untreated ground increased
in weight by 112 pounds, whereas those on the
phosphated area gained 232 pounds in live
weight. This year the results are still more
remarkable, for whereas the sheep on the
phosphated plot have put on 507 pounds of
live weight, those on the herbage in its natural
state have gained only 185 pounds. This shows
a gain in favor of the phosphate of 444 pounds,
which is equal to 146 pounds per acre. If we
value this at 4d. per pound we get about 40s.
At the end of the second year we have the
original outlay repaid twice over, and the gains
of future years will still further swell the huge
profit. This is superior to gold mining." -
Somerville, College of Science, Newcastle-on-
Tyne, Oct., 1898, in Farmer's Gazette, Ireland.

GOSSIP.

John R. Coey, Jr., Lennoxville, Quebec, writes:
"Our Shorthorn and Berkshires are doing
well; there is a good demand for the former
at fair prices. We have a nice lot of Berk-
shires, sired by Randolph (imp. in dam) - 2871 -
and Royal Clarendon - 5393. They are of
the Ballie, (imp.) Newport, and (imp.) Sunrise
families.

W. R. Graham, Bayside, Ont., in sending his
change of matter for advertisement of B. P.
Rocks, B. Cochins, and Pekin ducks, states
that he lately received an inquiry from a sub-
scriber at Allansville, Ont., but as the party
did not sign his name and address, could not
be replied to; and this is not the first instance
of the kind. Again we remind our readers
when replying to advertisements to give full
name and address.

FEDERATED BUSINESS COLLEGES

Hamilton Business College, Galt Business College,

HAMILTON, - ONT. GALT, - ONT.

C. R. McCullough, Prin. W. Brooks, Prin.

INTERCOLLEGIATE BUSINESS PRACTICE be-
tween the students of these two Representa-
tive Business Schools. Enter either of the
Federated Colleges and enjoy the best in busi-
ness and shorthand instruction. Send for il-
lustrated announcement to

C. R. McCULLOUGH, PRESIDENT,

om HAMILTON, ONT.

Maple Cliff

DAIRY AND STOCK FARM

Ayrshire cattle, Berkshire & Tam-

worth pigs. Two

bull calves drop-

ped in February.

R. REID & CO.,

Hintonburg, Ont.

One mile from Ottawa. -o

FAIRVIEW STOCK FARM.

Ayrshire Cattle and Berkshire Pigs.

Traveller of Parkhill at the head of herd,

while my herd is descended from cows pur-

chased of Mr. David Benning; are modern in

type, and are of the choicest milking strains

Write for prices of young bulls and heifers.

DAVID LEITCH, Grant's Corners, Ontario.

Stations-Cornwall, G.T.R.; Apple Hill, C.P.R.

-o

WM. WYLIE,

Breeder of high-

class AYRSHIRES.

Youngstock always

for sale; bred from

the choicest strains

procurable. Breed-

ing stock selected

from the most fash-

ionable strains and

prize-winning stock of the day. Farm located

at Howick, Que. -o

CHOICE AYRSHIRE BULLS

FROM IMPORTED STOCK.

We offer **Six (6) Bull Calves,**

for sale

from 4 to 11 months old; good individuals, and

from the very best milking strains obtainable

in Scotland.

Thos. Ballantyne & Son,

"Netpath Stock Farm," STRATFORD, ONT.

Farm adjoins city, main line G. T. R. -om

AYRSHIRE CATTLE, BERKSHIRE PIGS

The bull Tom

Brown and the

heifer White Fines,

winners of sweep