

High-class Shorthorns and Yorkshire Pigs.

One very superior bull, about 17 months old; three bulls about 5 months old, from imp. stock; cows and heifers due to calve this fall. Forty Yorkshire pigs, 2 months old, from imp. stock; imp. boar, 2 years old, and sows due to farrow soon. Write, or come and see us.

JAS. MCARTHUR, GOBLE'S, ONT.
Goble's Station, G. T. R., 10 miles east of Woodstock, 2 miles from farm. Visitors met. -om

Center Wellington Herd Scotch Shorthorns
was founded in 1892 on Marr-bred descendants, to which have been added the Mistletoe and Matchless tribes, with Lord Stanley 4th 22878 at the head. Young cows and heifers for sale. Farm 1 mile from town and 14 miles north of Guelph. -o
Box 66. **H. B. WEBSTER, Fergus, Ont.**

Bonnie Burn Stock Farm

Forty rods north of Stouffville station, Ont., offers 5 Shorthorn bulls and some heifers, 30 Shropshire rams and ewes from imp. and Canadian-bred sires, at reduced prices. -om
D. H. RUSSELL, Stouffville, Ont.

ARTHUR JOHNSTON

Greenwood, Ontario, Canada.

**HIGH-CLASS
SCOTCH SHORTHORNS**

(First Importation Made in 1874.)

(My recent importation of 30 head has just arrived home from quarantine. Herd now numbers over 120 head.)

OFFERS FOR SALE

- 40 Imported Cows and Heifers,
- 40 Home-bred Cows and Heifers,
- 11 Imported Bulls and Bull Calves,
- 13 Home-bred Bulls and Bull Calves.

Railway stations—Pickering, on main line of Grand Trunk Railway, 22 miles east of Toronto, and Claremont, 23 miles east of Toronto, on the C. P. Railway. Catalogues on application. -om

Shorthorn**BULLS AND HEIFERS
FOR SALE.**

Choice quality and best Scotch breeding. Imported and home bred, Imported Knuckle Duster (72793) and imp. Royal Prince head the herd, which has furnished the Provincial Fat Stock Show champion three out of the last five years.

Catalogues on application.

H. SMITH, - HAY, ONT.
Exeter Station on G. T. R., half a mile from farm. -om

FOR SALE:**SHORTHORNS AND YORKSHIRES**

4 SUPERIOR Scotch-bred Shorthorn bulls, 12 to 14 months; 4 two-year-old heifers of the best strains; and cows with calves at foot. Also a superior lot of Yorkshire boars and sows from 3, 5 to 7 months old. Orders booked for spring pigs. Pairs and trios supplied not akin.

H. J. DAVIS,Box 290. -om **WOODSTOCK, ONT.****6 Shorthorn Bulls 6**

Also cows in calf and yearling heifers. All of straight Scotch breeding. -om

SHORE BROS., WHITE OAK, ONT.**Maple Lodge Stock Farm**
ESTABLISHED 1854.

SHORTHORNS—An excellent lot of young bulls, and a special value in young cows and heifers in calf to our imported Knuckle Duster.

LEICESTERS—Imported and home bred—the best.**ALEX. W. SMITH,**-om **MAPLE LODGE P. O., ONT.****Shorthorns FOR SALE:**

- 12 young bulls.
 - 10 yearling heifers and heifer calves.
 - 16 2-year-old heifers and young cows.
- several well advanced in calf to Precious Stone (imp.). Prices moderate. Write for particulars. -om
G. A. BRODIE, Bethesda, Ont.
Stouffville Station.

PLEASE MENTION FARMER'S ADVOCATE.

THE IMPROVED U. S. SEPARATOR

AGAIN DEMONSTRATES ITS SUPERIORITY.

Read the following report by a Canadian Government Butter and Cheese Inspector of the work of the U. S. and De Laval Cream Separators at the Creamery of Ste. Anne de la Perade and notice the great saving of butter-fat made by the U. S. over the De Laval.

TO THE PRESIDENT AND DIRECTORS OF THE CREAMERY OF STE. ANNE DE LA PERADE:

Gentlemen—At Mr. F. X. O. Trudel's request I came here to follow the operations of a contest between the De Laval and U. S. Cream Separators. I followed the work of these machines since the 16th, and you will see the work of each as follows:

THE DE LAVAL SEPARATOR.

	Nov. 16, 1900.	Nov. 19, 1900.
Milk received.....	2,219 lbs.	3,386 lbs.
Fat in whole milk.....	4.60 p. c.	4.60 p. c.
Quantity skimmed per hour.....	3,504 lbs.	3,627 lbs.
Average temperature of milk.....	93 degrees.	80 degrees.
Average speed (rev. per minute).....	5,660	6,000
Percentage of cream.....	17.35	17.35
Fat left in skim milk.....	.10 & .11 of 1 p. c.	.07 & .08 of 1 p. c.

THE U. S. SEPARATOR.

	Nov. 17, 1900.	Nov. 21, 1900.
Milk received.....	1,177 lbs.	2,775 lbs.
Fat in whole milk.....	4.60 p. c.	4.80 p. c.
Quantity skimmed per hour.....	2,715 lbs.	3,468 lbs.
Average temperature of milk.....	91 degrees.	88 degrees.
Average speed (rev. per minute).....	8,000	8,025
Percentage of cream.....	21.32	17.12
Fat left in skim milk.....	.03 & .04 of 1 p. c.	.03 & .07 of 1 p. c.

TOTAL OF EACH FOR THE TWO DAYS.

	De Laval Separator.	U. S. Separator.
Milk received.....	5,605 lbs.	3,952 lbs.
Average temperature.....	87.4 degrees.	88 degrees.
Average speed.....	5,825	8,025
Total loss of fat.....	4.02	1.84
Loss per 100 lbs. of fat.....	1.55 lb.	.87 lb.
Total loss in cash.....	\$1.15	\$0.42

Sworn before me Nov. 21, 1900.

T. E. LANONETTE, T. P. ex. of C. C. Ste. Anne.

L. P. LACOURSIERE,

Government Butter and Cheese Inspector.

NOTICE that the De Laval lost \$1.15 in separating 5,605 lbs. of milk or.....205 on 1,000 lbs. while the U. S. lost .42 in separating 3,952 lbs. of milk or only.....106 on 1,000 lbs. by which it will be seen that the De Laval lost in actual cash nearly twice as much as the U. S.

In other words, a creamery separating 10,000 lbs. of milk a day would save in a year in butter-fat alone, by using the U. S. Separator, \$361.35 that would be lost by using the De Laval Separator.

The President and Directors, after carefully considering the Judges' report, decided to purchase a No. 0 Improved U. S. Separator.

This is only one instance among many where the

**IMPROVED U. S. SEPARATOR HAS PROVED ITSELF TO
BE A CLEANER SKIMMER THAN THE DE LAVAL.**

For further particulars and information, write the

VERMONT FARM MACHINE CO.,
BELLOWS FALLS, VT.

REMEMBER, there is no duty on Improved U. S. Separators shipped into Canada.

**SHORTHORN CATTLE
AND LINCOLN SHEEP.**

Imp. Prime Minister at head of herd. Seven young bulls for sale—good ones. Also a few females. Stud rams all imported from H. Dudding, Esq.; the same blood as the 1000-guinea ram.

J. T. GIBSON,

DENFIELD, ONT.

**PURE AND SCOTCH-TOPPED
SHORTHORNS FOR SALE.**

Ten red bulls, from 6 mos. to 2 years. Calves by Imp. Prime Minister, Strathallan, Hawarden. Also females for sale. Parties notifying us will be met at Burlington Station, Appleby P. O. -o
A. D. ALTON & C. N. BLANSHARD CO.

Shorthorns and Leicesters.

Herd Established 1855.

A number of young bulls, cows and heifers for sale. Herd headed by imported Christopher 28869, and Duncan Stanley = 16364 =. Grand milking cows in herd. Also a number of Leicesters of both sexes, from imported foundation.

JAMES DOUGLAS,

CALEDONIA, ONT.

11 SHORTHORN BULLS 11

5 reds, 3 roans, and 3 whites, for sale, from 3 to 13 months old, sired by imported British Statesman; also some cows and heifers.

FITZGERALD BROS.,

Simcoe Co. -o Mount St. Louis.

Shorthorn Bull, Scotch Topped.

Millbrook Minister = 23730 =; dark roan; calved Oct., 1896; sired by the imported Duthie-bred bull, Prime Minister; dam by Challenge, best son of Barmpton Hero. Sure stock-getter, and perfectly quiet. For sale only because his daughters are coming to breeding age, and I must have a change. -o
Address: **R. BROWN, Orono, Ont.**

SHORTHORNS.

15-months-old bull, 7 young heifers, including 11-months Emprise Augusta, imported in dam. -o

A. P. ALTON & SON,

Burlington Junction Station. Appleby P. O.

FOR SALE.

FIFTEEN OR TWENTY young Scotch Shorthorn cows and heifers. Also 10 bulls, 6 to 24 months; good ones at right prices. -o

DAVID MILNE, ETHEL, ONT.**Farnham Stock Farm**

Shorthorns—A fine lot of young bulls and heifers; sire, 30th Duke of Sylvan.
Oxford Downs—Both imported and Canadian-bred. A few ewes in lamb to imp. Bryan 125. Prices reasonable.

HENRY ARKELL, Arkell, Ont.**SPRING GROVE STOCK FARM**

Shorthorn Cattle and Lincoln Sheep. Herd prize and sweepstake at Toronto Industrial Exhibition, 1897 and 1898. Herd headed by Topman = 17847 =, champion at Winnipeg, Toronto, London and Ottawa, 1899. High-class Shorthorns of all ages for sale. Also prizewinning Lincolns. Apply -om

T. E. ROBSON, Ilderton, Ont.**5 SHORTHORN
...BULLS... 5**

My five lusty, well-fleshed, red Shorthorn bulls range in age from 5 to 15 months old. The are all for sale. -o **JAS. BROWN, Thorold, 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,**
17-y-o ALVA FARM, KNOWLTON, P. Q.

W. R. Bowman,

We have five choice young bulls of various ages, also a few in-calf heifers and cows from prize-winning stock, which we will dispose of at reasonable prices. We also offer for sale sixty Shropshire and Suffolk Down ewes of excellent breeding and quality, at from \$10.00 to \$15.00 each. All stock registered. -om

RIDGEDALE HOLSTEIN-FRIESIANS

Two young bulls of choice breeding for sale; also some heifers. Prices reasonable. Write for particulars, or come and see them. **R. W. WALKER,**
Shipping stations: G. T. R.; MYRTLE, C. P. R. -o
Port Perry, Ont.

BROOKBANK

Is headquarters for Holstein bulls. They are going fast; be quick if you want one. In writing, state age, etc., preferred. -o

GEO. RICE,

Oxford Co. Currie's Crossing, Ont.

Holstein-Friesian Calves.

We are booking orders for spring calves for March, April and May delivery. Also can spare a few young calves and heifers from deep milking strains. Breeding stock all registered. Write for prices. -o **H. GEORGE & SONS, CRAMPTON, ONT.**