

What You Gain

In a few words, you gain this by using a Tubular: (1). One-quarter to one-half more cream, because Tubulars skim by centrifugal force, which is thousands of times stronger than the force of gravity that makes cream rise in pans. (2). One-half to twice as much for butter, because Tubulars remove dirt and bacteria, thus making gill-edge butter possible. (3). Half the work saved, because you finish skimming five minutes after milking, feed warm skimmed milk at barn, and have only the can of cream to care for. Write today for catalog W-198. It tells all plainly.

THE SHARPLES SEPARATOR CO.
TORONTO, CAN. WEST CHESTER, PA. CHICAGO, ILL.

Sharple's
TUBULAR
CREAM SEPARATORS



AYRSHIRES and YORKSHIRES

Choice yearling heifers just bred to imp. bulls. A few young cows, young bulls and calves, all bred from the best known milking strains. Jan. and March boars and young pigs of good type and breeding. See us at Toronto, or write for prices.
ALEX. HUME & CO., - Menie P. O.

Mr. Arthur Gibson, the popular manager of the Ruddington Hall herd of Mr. Philo L. Mills, Nottingham, has gone to Buenos Ayres to judge Shorthorns.

We have seen some amusing things lately in our American exchanges about killing Canada thistles. One correspondent in a leading Chicago journal thus heralds a priceless discovery:

"They (thistles) do seem to be a terrible pest, but happily things are not always what they seem. Cut them off with a hoe about an inch or two below the surface of the ground any time before they bloom, and put in the cavity above the root a handful of common barrel salt. When that dissolves the root will die. We find this method of extermination to be simple and effective. The same treatment, or a teaspoonful of kerosene, applied to burdocks cut off at the surface of the ground will make such dreadful work a mere pastime, and an interesting one too."

The above reminds us of a potato-bug cure sold throughout Southern Ontario at the time the Colorado beetle was beginning to ingratiate himself in the hearts of the Irishmen. A couple of suave gentlemen came around selling "a sure cure for potato bugs," a twenty-five cent package of which would, if directions were followed, easily suffice for an acre. Purchasers were warned, however, not to open until needed for use, as the remedy would "lose its strength." By and bye the bug season appeared, and the farmer's wife duly searched and brought forth the remedy, which, on being unwrapped from its neat cardboard box, turned out to be two square little blocks of wood, and between them a paper bearing the words, "Put the bugger in here and squeeze him." All it was claimed to be—a sure cure, and all that, but scarcely a practical method for commercial use.

We need not go far from home for easy victims of the faker, for it is only two years since farmers in Western Ontario paid good money to have holes bored in their fruit trees and filled with a substance that was to go through the sap circulation and destroy all insect pests, and which, on analysis, was found to consist of sulphur and charcoal which was found preserved and quite dry in the plugged holes.

\$56.50 TO PORTLAND AND RETURN

Via Chicago, Milwaukee & St. Paul Railway.

\$56.50 Chicago to Portland, Seattle or Tacoma and return is the low price for the round trip offered by the Chicago, Milwaukee & St. Paul Railway. Tickets are on sale daily until September 30th, and good for return for 90 days. One may go via St. Paul and Minneapolis, via Omaha and Oden, via Omaha and Denver, or via Kansas City. Best of all, one may make the going trip to the Pacific Coast via one of these routes and return via another offering an excellent opportunity to visit several sections of the West at reduced rates.

For full particulars, a coupon book sent on request. Write to: Ticket Agent, Canadian Pacific Railway, Montreal, Canada.

TROUT OREEK

SHORTHORNS

Bulls in service: Gold Cup (imp.), bred by W. Duthie, and Ardlethen Royal (imp.), a Marr Princess Royal.

James Smith, W. D. FLATT,
Manager. o Hamilton, Ont.

An Opportunity

We have decided to offer for sale our imported **Show and Breeding Bull**, Prime Favorite, bred by W. S. Marr; one junior yearling bull, one senior yearling heifer, one junior yearling heifer, two senior heifer calves. All in good show form. Also 30 yearling Shropshire rams.

W. G. PETTIT & SONS, Freeman, Ont.

Burlington Jct. Sta. Telephone in house. o

GREENGILL HERD

of high-class

SHORTHORNS

The choice breeding bull (imp.) Lord Rosebery, a Broadhook, now leads the head. Our present offering consists of three extra good young bulls, ready for service, from imp. cows; also 40 females bred or with calves at foot, either imp. or home-bred, all of the purest Scotch breeding.

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

Belvoir Stock Farm

SHORTHORN BULLS, various ages; imported and home-bred, by imp. Gay Lothario, a Cruickshank Lavender.

CLYDE STALLION, 2 years old; sire imp. dam a winner, grandam 1st Highland Show.

YORKSHIRES Sows and boars, various ages; not akin. Three imp. boars and 5 imp. sows to select from, and their progeny. Prices right. Also honorable dealing.

RICHARD GIBSON, Delaware, Ont.

FLETCHER SHORTHORNS.

Our herd of breeding cows, both imported and home bred, are of the most fashionable Scotch families. Among the really good sires, which have been used are Spicy Robin 2829, winner of prize at Dominion Exhibition, Toronto, and Fox of Morning (imp.) 32970, winning 1st prize at same exhibition, 1904. Stock of either sires for sale.

GEORGE D. FLETCHER, Binkham P. O., Ont.

From shipping station, C.P.R. o

ELMHEDGE SCOTCH SHORTHORNS.

Southford, Almas, Nonpareils, Crimson Flowers, Abert Floras and Lavinas. Our herd will stand comparison with any. We reserve nothing; 45 head of both sexes, all ages, for sale.

James Bowes, Strathnairn P.O., Meaford Ont.

SCOTCH-TOPPED SHORTHORNS.

Young stock of both sexes for sale; sired by Scottish Baron 4921 (imp.).

H. GOLDING & SONS, Thamesford, Ont.

Stations, Thamesford, C.P.R.; Ingersoll, G.T.R.

Shorthorn Bull

Proven 3585, 4 years old, in prime condition, sure and active; a grand stock bull. Will sell or exchange for another. **RICHARD WILKIN,** Springfield Stock Farm, o Harriston, Ont.

SPRING VALLEY SHORTHORNS.

Imp. Bapton Chancellor, 1879, 78280 heads the herd. Imported and Canadian bred stock of leading Scotch families for sale at all times. Apply to **KYLE BROS., Avy, Ont.**

Avy, C.P.R. Paris, G.T.R. o

WILLOW BANK STOCK FARM

Established 1870

Large, established herd of **SHORT-HORNS**. Good milking qualities. Splendid offering of both sexes. Scotch and Sec. Imported **JAMES DOUGLAS, Caledonia, Ont.**

GOSSIP.

There is no better practice than giving draft colts an early education in being haltered. They never forget a little training of this sort, and properly mouthing them before working at two years old, when they are better able to help on the land than waiting till three. When they are cutting their teeth they often feed badly, and are really of little use at work. Given three months' work at the earlier stage, and this done carefully, makes them sensible and handy. Early handling and breaking to the use of the reins are most essential in these days of machinery on the land and motors on the road, and will often prevent serious accidents to themselves and their attendants.

STUDYING THE DRAFT HORSE.

A. H. Snyder, a graduate of the Ohio State University, of the class of 1901, made a study of the draft horses in use in the City of Columbus, Ohio, a city of 125,000 population. In an address before the Pennsylvania Live-stock Breeders' Association, Professor Hunt, of the Ohio College, referred to Mr. Snyder's measurements, as follows:

"All told, nearly two thousand measurements were taken. I have every reason to believe that the work was intelligently and carefully done. The one hundred and one horses measured were classified by the owners or stable foremen into: Extra good heavy draft horses, 55; medium good heavy draft horses, 17; extra good light draft horses, 16; medium good light draft horses, 13. The following table gives a summary of some of the more important measurements of the fifty-five considered extra good and of the seventeen considered only of medium value for heavy draft purposes:

	Extra good draft horses.	Medium draft horses.
Number of horses measured	55	17
Weight	1,613	1,579
Height at withers	66	67.12
Height at croup	65.6	68
From point of shoulder to point of buttock	67.8	68.75
From lowest point of chest to ground	33.5	34.12
Circumference of body at girth	90	87.8
Circumference of front cannon at center	9.66	9.75
Length of head	26.66	26.8
Length of shoulder	27.25	27
From dorsal angle of scapula to hip	30.4	31
From point of hock to ground	25.5	25.9
Width of chest	20	19.5
Width of hips	25.2	25.12
Length of croup	22.5	22.75

"We have in this table a composite picture of the two types. Comparing these composite pictures, it is found that the extra good heavy draft horse compared with his less valuable brother is not so high for his weight; is deeper in the chest; shorter from the chest to the ground; larger in the chest girth but slightly smaller in bone. Compared with the length of the head, the shoulder is longer; the back shorter and the hock closer to the ground; the chest and hips are slightly wider, while the length of the croup is slightly less.

"Comparing ourselves to the fifty-five horses considered extra good heavy draft, their weight in working condition varied from 1,385 to 1,930 pounds; the height varied from 15½ to 17 hands 1½ inches; the girth varied from 84 to 99½ inches; while the circumference of the cannon, midway between the knee and fetlock, varied from 8½ to 10½ inches. Of the 101 horses measured only two measured more than 98 inches around the girth, and only five measured over 94 inches.

"The composite of an extra good draft horse as found in use on the streets of Columbus, was a horse weighing a little more than 1,600 pounds, 16½ hands high, measuring 90 inches around the girth and 94 inches around the cannon at its center."

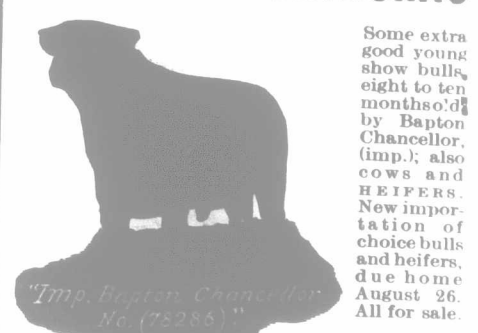
Here is a chance for our boys to do some good work. Study these figures carefully, and then see how many horses on the farm and in the neighborhood approximate what would be considered as extra good. Horses can not be judged by the tape line, and yet, like the score-card, it will be found of great help.

Lump Jaw

Save the animal—save your herd—cure every case of Lump Jaw. The disease is fatal in time, and it spreads. Only one way to cure it—use **Fleming's Lump Jaw Cure**. Not trouble—rub it on. No risk—your money back if it ever fails. Used for seven years by nearly all the big stockmen. Free illustrated book on Lump Jaw and other diseases and blemishes of cattle and horses. Write for it today.

FLEMING BROS., Chemists,
45 Front Street, West, Toronto, Ont.

SCOTCH SHORTHORNS



Some extra good young show bulls, eight to ten months old, by Bapton Chancellor (imp.); also cows and heifers. New importation of choice bulls and heifers, due home August 26. All for sale.

Write—o
H. J. DAVIS,
Woodstock, Ont. C.P.R. & G.T.R.

Scotch-Topped SHORTHORNS

Three choice young bulls, ready for service, for sale at low prices. For particulars, write to **W. H. WALLACE,** Woodland Farm, - Mt. Forest, Ont.

Don't Wait! BE UP-TO-DATE

And buy some choice young **JERSEYS**. Two bulls and a number of A No. 1 cows and heifers from great milkers. Also collie pups.

W. W. EVERITT,
Dun-edin Park Farm, Chatham, Ont. Box 552.

Brampton Jersey Herd

We have now for immediate sale **10 bulls**, from 6 to 18 months old, descended from St. Lambert or imported stock; also females of all ages. In order to reduce our stock, we are making a special offer. For full particulars address **B. H. BULL & SON,** Brampton, Ont. Phone 68. om

Springhill Farm Ayrshires

FOR SALE: One young bull fit for service; also a few bull calves and females, all ages.

Robt. Hunter & Sons, Maxville, Ont.

Maxville, C.A.R., and Apple Hill, C.P.R.

SUNNYSIDE AYRSHIRES

Are now offering **Leader of Meadow Bank**, the Pan-American winner, and three young bulls, from 1 year to 2 mos. old; also cows and heifers, all ages. Prices right. Address **John W. Logan, Allan's Corners, Que.**

HIGH-CLASS AYRSHIRE CATTLE

FOR SALE: Both sexes; bulls and heifer calves from 2 to 9 months old; cows and heifers all ages. Famous prizewinners bred from this herd, including Tom Brown and White Floss, sweepstakes prizewinners at Chicago.

DAVID BENNING & SON, Williamstown, Ont.

Springburn Stock Farm, North Williamsburg, Ont.

Whitaker & Sons, Props. We are now offering **10 Ayrshire Bulls**, from 6 to 22 months old. Also eggs for hatching from our Buff Orpington fowls at \$1 per 13.

STOCKWOOD AYRSHIRES FOR SALE

1 bull 11 months, 2 bull calves 6 months; also a choice lot of cows and heifers coming in Sept. and Oct. A number of heifer calves dropped Aug. 1905. For full particulars address, **D. M. WATT, Allan's Corners, Que.**

Maple Cliff Dairy and Stock Farm

Breeders of **Clydesdale Horses, Ayrshire Cattle, Berkshire and Tamworth Pigs.** Young stock for sale at all times.

R. REID & CO., Hintonburg, Ont.

Farm adjoins Central Experimental Farm

Meadowside Farm

Ayrshire Cattle, Shropshire sheep, Berkshire pigs, B.P. Rocks and B. Oringtons. Young stock for sale.

A. R. YUILL, Prop., Carleton Place, Ont.

Nether Lea Ayrshires

Young stock of either sex, from deep-milking families, for sale. Two choice-bred imp. bulls at head of herd. Correspondence and inspection invited.

T. D. McALLUM, Danville, Que.

Burrside Ayrshires

One two-year-old and two yearling bulls; also females of all ages, just imported June 1st. Scotch prizewinners; also a number of imp. and home-bred cows, due in Aug. and Sept. Order a good calf from heavy-milking dams.

R. R. NESS, Burnside Farm, Howick, Que.