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Cutter's Germ Free

The New, Safe and Efficient Agents for Protecting Calves from Blackleg.

Cutter's Blackleg Filtrate posi-tively protects against Blackleg.

utter's Blackleg Aggressin, made directly from animal tissues, affords even greater protection and is recommended for Pure Breds. Cutter's

Neither the Filtrate nor the Aggressin can possibly produce Blackleg in even the most susceptible animals since both are germ free.

Both have given 100% protection wherever used.

rices—
10 dose pkge. Filtrate....\$2.00
50 " " " 8.00
....15.00

centrated or not, afford less pro-

Write for booklet telling what germ free vaccines are and wherein "cultural product" Ag-gressins differ from Cutter's Aggressin made from animal tissues

While these new "germ free vac-cines" have advantages that should be known to every stockraiser, we see no reason for a quick change to them by stockraisers who have had satisfactory results from the use of

CUTTER'S

"California's Favorite" for nearly 20 years

Year in and Year Out they have given better satisfaction than any other vaccine made, and as far as price and conven-ience of administration are concerned, they have all the advantage.

Prices: 10 dose pkge. Single pills \$1.00 10 dose pkge. Double Pills 1.50

Cutter's Pill Injector.... 1.50 Insist on Cutter products. If un-obtainable, order direct. We pay shipping charges.

The Cutter Laboratory, Berkeley, Calif. (U. S. LICENSED)

"The Laboratory That Knows How"

The Cutter Laboratory of Illinois, Chicago Eastern Agent

1 bull 2 years old; 1 bull 18 mos. old, from a 231/2 lb. 3-year-old dam. One bull 13 mos.; others younger. R. M. Holtby, Port Perry, Ont.

KING SEGIS PONTIAC DUPLICATE
A 34 brother to the \$50,000 bull is the sire of our
young bulls offered at present. Two of these are
ready for service. Write us also for females.
R. W. Walker & Sons, Manchester Station,
G.T.R., Port Perry, Ontario

Please mention this paper

Grub, Drink and Music.

EDITOR "THE FARMER'S ADVOCATE" A soldier fights better when his life and thoughts are clean, and when the hope of heaven is in his heart if and when he falls in battle. He fights better when he knows that after a day of hard training or marching or fighting or any other labor, there awaits him something clean and good and inviting -the food and beverages, the comforts, the games and social pleasures, which the Young Men's Christian Association provides.

The service of the Young Men's Christian Association in the training camps of Canada, of England and of France, and in the war zones is an organized business. This service is directed by a head staff, and is carried out by trained and paid workers. These workers devote themselves sedulously to providing soldiers with comforts for soul and body Games are supplied in abundant measure footballs, baseball outfits, checker boards and pieces. Music is furnished by phonographs, by distinguished artists and companies of artists, and by songleaders from among the men themselves. Facilities for writing precious letters home are supplied without stint—stationery, ink and pens, and the tables and chairs required for the comfortable writing of letters. Tea and coffee and cocoa are served generously, and often free, at the "Y" cantens, and thus the wet canteens where intoxicants can be had are much less visited than they otherwise would be, with great moral and physical benefit to the men. Lectures are given by good men as a form of entertainment and to keep men in touch with the helpful things they have been separated from by enlistment. Religious services—and holy communion services on the eve of battle—are held for the spiritual comforting and soul-saving of men, with blessed fruitage. And always men may meet together for social intercourse in the huts of the Young Men's Christian Association, which are the recognized rendezvous of all classes.

The huts of the Y. M. C. A. are veritable homes for our boys overseas. They may be unattractive architecturally, but they look beautiful to those who know them on the inside. In them are books and magazines, and billiard tables. There are even arm-chairs sometimes, also moving pictures and theatrical performances, by the men themselves and sometimes by London companies. But the work of the "Y" is not confined to the hut activities. It is carried on in the hospitals and even in the trenches. The "Y" dugout in the trenches is, as some one said, "the last sign that any one cares. Here coffee and cocoa are served to the men, and here is provided the spiritual comfort that men hunger for so much when on the eve of going over the top.

The magnificent work of the Y. M. C.A. "over there" will be better understood if a few specific illustrations of it be given. One million sheets of letter paper are distributed free each month in England and France-12,000,000 sheets a year.

Thirty thousand letters daily, it is estimated, are written by Canadian soldiers in "Y" huts overseas. This works out to be over 10,000,000 letters a year.

Done hundred pianos, three hundred phonographs, and twenty-seven small and large moving-picture machines are possessed by the Canadian Y. M. C. A. in England and France.

A single order for baseball equipment our Canadian soldiers overseas amounted to \$25,000. All athletic equipment is furnished to the men free, and this year the outlay will amount to \$100,000.

\$1,000.00 monthly is spent on concerts alone—this in England. These concerts are frequently attended by over a thousand men.

One hundred and forty thousand magazines are distributed gratuitously every month to the men.

The "Y" men keep close to the battle fronts to give drink and food, and cheer and comfort to the men before and after an engagement. It is frequently associated with the Army Medical Service, and has been assigned the care of the "walking wounded." The "Y" is credited with saving the lives of hundreds of men by this service.

These are some of the things done by the Canadian Y. M. C. A. in England and France. They are an index to what the "Y" is doing right now in these countries -deing in greater measure than ever before, since both the numbers of men and the need are greater than ever before. - J. C. KIRKWOOD.

If we are to win the war we must GROW MORE WHEAT and foodstuffs of all kinds. The way to do it is to

Basic Slag

Or, at any rate, some kind of fertilizer.

LET US LEARN EVEN FROM OUR ENEMIES In a Bulletin issued in 1916 by the Board of Agriculture in England, the statement is made that:

"Had it not been for the use of commercial fertilizers the German Empire would have been at the end of its food resources long before the end of the second year of the war."

It is also shown that in Germany the average production of grain has risen from 1,024 lbs. per acre in the five-year period, 1879-83, to 1,786 lbs. in 1909-13, and that the yield of potatoes had increased from 3.05 tons to 5.46 tons in the same period. This completely disproves the idea that exists in some men's minds that the continued use of commercial fertilizers impoverishes the soil. Drop us a line and let our representative call and have a talk with you regarding SYDNEY BASIC SLAG.

THE CROSS FERTILIZER CO., LIMITED Sydney, Nova Scotia

CHOICE BULLS—Ready for Service

No. 1—By a son of MAY ECHO SYLVIA. His two nearest dams (both Canadian champions) average 35.62 lbs. butter in seven days. Price \$1,000.

No. 2—By a son of MAY ECHO SYLVIA. His two nearest dams (one a four-year-old) average 34.17 lbs. butter in seven days. Price \$600.

Some extra choice young bull calves, from \$200 to \$1,000. We have sold 37 bulls this winter. HIGHLAND LAKE FARMS

R. W. E. Burnaby - Farm at Stop 55, Yonge St. Radial) - Jefferson, Ont.

Manor Farm Holstein-Friesians

If it's a herd sire you want, write me. I have sons of both my senior and junior sires: King Segis Pontiac Posch and King Korndyke Sadie Keyes. All are from good record dams. I am also offering a limited number of young cows, bred to one of these two sires. Good individuals, with splendid official backing. Correspondence solicited, visitors welcome.

Gordon S. Gooderham Stations: Clarkson and Oakville Farm on Toronto and Hamilton Highway Clarkson, Ont.

"GOING TO SELL 'EM"

We have 5 thirteen-months bulls and are going to let them go. Three are by Pontiac Korndyke of Het Loo and brothers to Het Loo Pietertje (the world's champion helfer) while the other two are by King Segis Alcartra Spofford and Dutchland Colantha Sir Mona. Act quick if you want them.

W. L. SHAW, (Electric cars from Toronto) Roycroft Farm, Newmarket, Ontario

SUMMER HILL HOLSTEINS

A number of choicely-bred bulls. One a real show bull, beautifully marked, dam a 30.76 junior four-year-old; sire's dam 34.60. The three nearest dams average over 100 lbs. milk a day. Can spare a few good heifers. D. C. FLATT & SON, R. R. 2,

DUMFRIES FARM HOLSTEINS

Present Offering—A few bull calves. S. G. & ERLE KITCHEN

ST. GEORGE, ONT.

RIDGEDALE STOCK FARM

offers for sale young bulls from high-testing dams, such as Lakeview Dutchland Wayne Rose, the highest producing cow of her age in the world. It wil pay you to inspect these before buying. DR. F. A. HESLOP, Prop., R. R. No. 1, FREEMAN, ONTARIO. CHAS. HESLOP, Manager

SILVER STREAM HOLSTEINS Present Offering—six extra well bred bull calves, sired by bulls with 34-lb. backing, and from tested dams, individually as good as their breeding. For fuller particulars and prices, write, or better come and see them. J. MOGK & SON, R. R. 1, TAVISTOCK, ONTARIO

Cloverlea Farm Holstein-Friesians

Offers for sale a choice young bull three months old, out of a 20.3-lb. dam. For price and extended pedigree write to GRIESBACH BROS., COLLINGWOOD, ONTARIO

Choice Grandson of Queen Butter Baroness I am offering a Choice 14-months bull from a 21-lb. junior two-year-old daughter of Louis Prilly Rouble Hartog, and sired by Baron Colantha Fayne, a son of Queen Butter Baroness, the former 33-lb. Canadian champion cow. Also have others younger. T. W. McQUEEN (Oxford Co.) TILLSONBURG, ONT.

WALNUT GROVE HOLSTEINS

I am offering a choice lot of bull calves, all sired by May Echo Champion, who is a full brother to the world's champion, May Echo Sylvia. 'All are from R.O.M. dams and good individuals. Also have the usual offering in Tamworth swine.

C. R. JAMES, (Take Radial Cars from North Toronto) RICHMOND HILL, ONTARIO

SOVEREIGN STOCK FARM

The home of Baroness Madoline; 34.48 lbs. butter in 7 days, 1,043.75 lbs. in 335 days, over 87,200 lbs. milk in 47 months. We are offering a few of her grandsons up to 6 months old.

WM. STOCK & SON, Phone Innerkip 3, on line 25. R.R. No. 1, TAVISTOCK, ONTARIO

Here's a Top Notcher! Sire, King Segis Walker; dam, 30-lb. daughter of Pontiac Korndyke, who herself has a 30-lb. daughter. He is a youngster, but he'll grow.

A. A. FAREWELL, Oshawa, Ont.