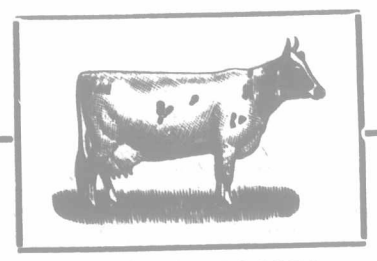


DR. WILLIAMS'
FLY AND INSECT DESTROYER

Destroys all fly pests—will certainly keep flies off all kinds of stock. The cows give more milk. The best disinfectant for stables, hogpens and poultry houses. Spray your workhorses and not a fly will come near them. Guaranteed or money refunded. The best preparation in the world for keeping flies off stock.
Put up in quart cans at 35c.; ½-gals. at 65c.; 1-gal. at $1.00.

Don, Aug. 6th, 1910.
Gentlemen,—We have used Dr. Williams' Fly Destroyer on our herd of Jerseys for some years, and find it the most satisfactory preparation we have ever used, because it does certainly keep flies off.
D. DUNCAN & SON, Breeders and Importers of Thoroughbred Jerseys, Don, Ont.

Islington, Sept. 4, 1910.
Gentlemen,—I cannot say too much in favor of Dr. Williams' Fly and Insect Destroyer. I think it is the best preparation in the world for keeping flies off stock. It is also a splendid preparation for killing lice on cattle in winter.
J. B. WOLFE, Islington.

Britannia, Sept. 9, 1910.
Gentlemen,—Dr. Williams' Fly and Insect Destroyer is the best preparation we have ever used for keeping flies off stock. Flies simply cannot live where it is used. All farmers in our locality use and recommend it.
THELLAR W. JOHNSTON, (Horseman) Britannia, Ont.

MANUFACTURED BY THE
BAKER & BOUCK, Morrisburg, Ont.
J. A. JOHNSTON & CO., Druggists, 171 King Street, E. Toronto.
Agents for Toronto and surrounding districts.

WE NEED THE MILK

For our milk contract, so all the bull calves from fifteen choice cows and heifers, due to freshen by April 1st, must go. This means attractive prices for you. Write us, you'll be surprised how good a calf you can buy for how little money.
MONRO & LAWLESS,
Elmdale Farms, Thorold, Ontario

HOLSTEIN-FRIESIAN
BARGAINS AT SPRINGBROOK.
Offering: Two rich-bred bulls, 10 months old, R. O. dams; one bull 20 months old. High-class stock. Price $75 to $85 each for quick sale. Come and see them. Don't lose time.
A. C. HALLMAN, BRESLAU, ONT.

Here is a Herd of Breeders, Feeders and Milkers.
About fifty to select from. Three young bulls fit for service. That grand bull, Scotch Grey 72692 heads the herd.
JOHN ELDER & SON, HENSALL, ONT.

THE MAPLES HOLSTEIN HERD
Everything of milking age in the Record-of-Merit. Nothing for sale at present but a choice lot of bull calves sired by King Posch De Kol. Write for prices, description and pedigree.
Walburn Rivers, Folden's, Ontario

HOMEWOOD HOLSTEINS
Home of the champions. Headed by the great milk and butter bred bull, Grace Fayne 2nd's Sir Colantha. Only choice, thrifty bull calves for sale at present. M. L. HALEY and M. H. HALEY, SPRINGFORD, ONTARIO

Holstein Cattle—The most profitable dairy breed. Illustrated descriptive booklets free. Holstein-Friesian Ass'n of America. F. L. HOUGHTON, Secy, Box 127, Brattleboro, Vt.

Evergreen Stock Farm offers bulls 2 to 12 months, from high-testing stock, giving 12 lbs. at 2 years to 22.38 lbs. for mature cows. Sired by Sir Mercena Faforite. Dam and gr. dam have average record of 24.60 lbs. butter in 7 days. F. E. PETTIT, Burgessville, Ont.

Springbank HOLSTEINS Two choicely-bred bull calves for sale. One is 10 months, the other 12 months. From high-class milkers. Prices reasonable. For particulars and breeding write to: Wm Barnet & Sons, Living Springs, Ont. Fergus, C. P. R. and G. T. R.

DON'T Buy a HOLSTEIN BULL till you get my prices on choice goods from eleven months down, from best producing strain. "Fairview Stock Farm." FRED ABBOTT, Harrietsville, Ont.

GLENWOOD STOCK FARM Have two yearling Holstein bulls fit for service, both of the milking strains. Will sell cheap to make room. Holsteins and Yorkshires Thos. B. Carlaw & Son, Warkworth P. O., Ont. Campbellford Station.

RIDGEDALE HOLSTEIN-FRIESIANS — A few [illegible] bull calves left for sale, from large [illegible] testing dams. Write for prices, [illegible] Shipping stations: Port[illegible] Myrtle, C. P. R. Ontario Co. [illegible] W. Walker, Utica, Ont.

QUESTIONS AND ANSWERS.
Miscellaneous.

GRAFTING WAX.

What is grafting wax composed of? How is it made? B. T.

Ans.—See answer to "Old Subscriber," page 820, issue May 4th.

PASTURE FOR HILLY LAND.

Please inform us as to best mixture of seed to sow on dry, hilly land, for permanent pasture. W. M. F.

Ans.—Prof. C. A. Zavitz recommends for high, dry land as a seeding for permanent pasture: Orchard grass, 5 lbs.; meadow fescue, 5 lbs.; tall oat grass, 2 lbs.; meadow foxtail, 2 lbs.; alfalfa, 5 lbs.; white clover, 3 lbs.; red clover, 1 lb., per acre. Prof. Zavitz advises not to pasture too closely, or there will be poor results from all the grasses, and killing out of the alfalfa plants. If making any change in the above mixture, we would increase the proportion of alfalfa.

NATURAL GAS IN CANADA.

What districts of Ontario, and of other Provinces, if any, enjoy the use of natural gas? W. H. M.

Ans.—Natural gas is found in the eastern part of Essex and southern part of Kent Counties, Ont., and is piped to such towns as Windsor, Sarnia and Chatham. It is also found in the eastern part of Elgin, Norfolk, Haldimand and Welland Counties. Most of the towns and villages of the last three counties are utilizing the gas, and it is piped to outside counties, and is used in such towns as Brantford, Paris, Galt, Dundas and Toronto, and by farmers located along the pipe lines. In Alberta, natural gas is being used in the following towns: Suffield, Bassano, Medicine Hat, Bow Island, Wetaskiwin and Calgary. It is expected that the town of Moncton, N. B., will shortly be supplied with natural gas piped from the wells on the Petitcodiac river, about eleven miles south of the town.

WHITEWASH FOR STABLE.

How can I make a good solution for whitewashing stable, same to be applied with spray-pump? WM. R.

Ans.—The very best whitewash for stable is simply to use lime, slaking it with water, and afterwards diluting it to the proper consistency for use in the spray pump. Lime is a germ destroyer, and a wonderful sweetener of foul places.

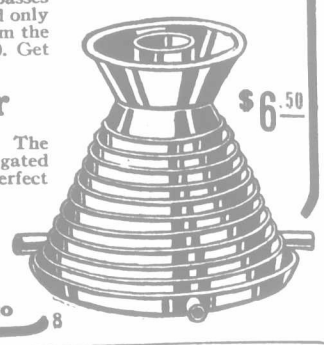
If you wish for something that will not rub off easily, what is known as the "White House" whitewash would be satisfactory. The formula has been given repeatedly in this column, but here it is again: Half a bushel of unslaked lime. Slake with hot water; cover it during the process to keep in the steam. Strain the liquid through a fine sieve, add a peck of salt previously dissolved in warm water, three pounds of ground rice boiled to a thin paste and stir in boiling hot, and a pound of glue which has previously been dissolved over a slow fire, and add five gallons of hot water to the mixture. Stir well, and let it stand for a few days covered up from the dirt. It should be put on hot.

MITES ON HENS.

What will kill mites on hens? Hens are in good condition; have been laying well, but the sitters leave their eggs when they are nearly hatched on account of these pests. I have noticed the insects on the eggs. Feed hens principally on oats and barley, give them some wheat, and an occasional feed of soft food. They are running at large. A SUBSCRIBER.

Ans.—Mites subsist on the blood of the fowls, but are not usually found on the bodies of the bird, except when at roost or on the nest. During the day they inhabit cracks and crevices of the walls, roosts and nests. Sitting hens are often so annoyed that they are compelled to leave the nests in order to relieve themselves of these parasites. When it is not practicable to fumigate the house with the fumes of burning sulphur, the best remedy is to use kerosene freely about the nests and perches. The walls of the house may be sprayed, the operation being repeated every three or four days for a [illegible] Dust the fowls thoroughly, and the litter of the nests with insect powder or sulphur

ONE OPERATION MILKING AND STRAINING
Only one milk-pail will do the two operations at one time, and do them right. You can milk in the same way you always do, and at the same time positively keep the dirt from coming into contact with the milk in any way by using the
STERILAC SANITARY MILK PAIL
Look at the illustration at the left. All falling dirt is caught on the raised dirt shelf. The milk passes directly through the strainer, and only the pure, sweet milk as drawn from the cow goes into the pail. Price $2.50. Get our catalogue



Purity Milk Cooler-Aerator
really does cool the milk better and faster than any other. The simple construction makes it easy to clean and the corrugated surface keeps the milk flowing slowly, making certain of perfect cooling. The top is removable, so that ice may be put in the cooling drum. Any medium may be used as a cooler—either running water, well or spring water. The price is only $6.50, and the cooler will pay for itself in time saved and in better quality of product. Write to-day for our catalogue showing a full line of Dairy Supplies.
W. A. DRUMMOND & CO., 175 King St. E., Toronto 8

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Make your Lawns and Flower-beds more artistic with this snowwhite, graceful fence and give them
ABSOLUTE PROTECTION
"IDEAL" Lawn accessories please the eye, are most durable, easily erected, and inexpensive.
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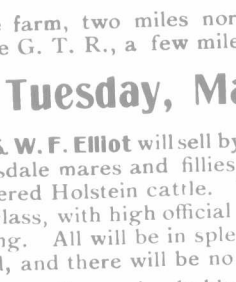

HIGH-CLASS
Clydesdales and Holsteins
BY AUCTION
At the farm, two miles north of YORK STATION, on the G. T. R., a few miles east of Toronto, on
Tuesday, May 23, 1911
F. H. & W. F. Elliot will sell by auction several registered Clydesdale mares and fillies (Guelph winners) and 40 registered Holstein cattle. The Holsteins are strictly high-class, with high official records and high official backing. All will be in splendid condition. The farm is sold, and there will be no reserve.
TERMS: Cash, or six months on bankable paper, with 6% interest. Conveyances will meet all morning trains at York Station, G. T. R., and Wexford Station, C. P. R.; also will meet all visitors arriving by electric line at the Empringham Hotel, at 11 a.m. Catalogues on application to
Auctioneers { Beldam & Indleson, Scarboro. Col. B. V. Kelly, Syracuse, N.Y.
W. F. ELLIOT, COLEMAN P. O. Ontario.

FAIRVIEW FARMS HERD — HOME OF:
Pontiac Korndyke, the only bull living that is the sire of four 30-pound daughters, and the sire of the world's record cow for seven and thirty days.
Rag Apple Korndyke, sire of eight A. R. O. daughters that, at an average age of 2 years and 2 months, have records that average 17¼ lbs. each, and over 4.2% fat for the eighth. Three of them made over 20 lbs each.
Sir Johanna Colantha Gladi, whose dam and sire's dam average 33.61 lbs. each for 7 days, which is higher than can be claimed for any other sire of the breed.
We are offering some splendid young bulls for sale from the above sires, and out of daughters of Pontiac Korndyke and Rag Apple Korndyke.
E. H. DOLLAR, (near Prescott) HEUVELTON, NEW YORK

HOLSTEINS AND YORKSHIRES
More high-record cows in our herd than in any other in Canada, including the champion Canadian-bred three-year-old, and the champion two-year-old of the world for yearly production. The sire of these champions is our main stock bull. We have a large number of heifers bred to him that will be sold right to make room for our natural increase. Also bull calves for sale. We are booking orders for spring pigs, also sows safe in pig. We invite inspection of our herd. Trains met at Hamilton when advised. Long-distance Bell phone [illegible] Hamilton.
D. C. FLATT & SON, MILLGROVE, ONT. R. F. D. NO. 2

Lakeview Holsteins!
Having sold all bulls old enough for service, offer two bull calves, born August 19th and September 20th, 1910. Both [illegible] Hengerveld Fayne De Kol, and their dams have A. R. O. records [illegible] lbs. butter in 7 days as two-year-olds. Telephone.
E. F. Osler, [illegible]te, Ontario

Centre and Hill View [illegible]ins
record sire, and a 26-lb. 4-year-[illegible] Statesman. Their grandams [illegible] good A. R. O. dams These [illegible] sold right, considering their [illegible]
We have added to head our herd a young bull from King Segis, world-[illegible] bulls born in January from Bonheur [illegible] in 7 days. Also younger ones from [illegible]
[illegible]xford Centre, Woodstock Stn.
LONG-DISTANCE TELEPHONE.

MAPLE HILL HOLSTE[illegible]
champion milk and butter cow of Canada. [illegible] cows and heifers for sale, bred to Prince Pe[illegible] and see them. Prices moderate. Bell telephone. G. W. [illegible]

[illegible]AWS. Home of Evergreen March, [illegible] Fifteen young [illegible] Canary. Come
George, Ont.