

HEALTH OF THE DAIRY COW

In these days, city officials and people in general are looking carefully after the healthfulness of the milk supply, and too much care can not be given to the health and sanitary provisions made for the dairy cow. Some of the largest dairy concerns in prominent American cities are urging the different farmers from whom they are securing their milk supply to disinfect their barns daily with Zenoleum to keep them in the best possible sanitary condition. Even if the condition cows are kept in were not known, the duty still remains to maintain those conditions always at their very best. Aside from the moral duty to furnish pure milk, there is a monetary advantage in it that is very direct.

Stables must be kept scrupulously clean, odors and offensive smells must be kept down. The regular and free use of a good disinfectant like Zenoleum is imperative. It is a non-poisonous disinfectant, and yet it destroys disease germs, prevents their breeding, and keeps the atmosphere about the dairy herd pure. The odor does not permeate the milk. It is the best course to pursue to escape cow tuberculosis, which, when it has taken hold, is instantly fatal to the milkman's profits. A recent report from the Utah Agricultural College indicates that they are getting wonderful results in keeping down and ridding their herd of tuberculosis by a thorough system of disinfection and improved sanitary conditions. Zenoleum seems to be peculiarly adapted to just such uses. It ought to be wherever live stock is kept. Nowhere is it more useful than about the dairy. It is not so expensive but that any cow-owner could afford to keep it on hand at all times.

The Zenoleum Veterinary Adviser, a sixty-four page booklet, is a valuable one, and every dairy man should own a copy. It can be had perfectly free, just for the asking. Most dealers sell Zenoleum, so you see it is easy to get. Write Zenner Disinfectant Co., 312 Sandwich St., Windsor, Ont.

Cee! what a light!
Send for this handy **ELECTRIC FLASHLIGHT** Every Farmer needs it.
Press the Button and get a brilliant Electric Light.
\$1.50 by mail, post free. Send to-day.
CANADIAN CARBON CO., 95 West King St., TORONTO

Herd Bull for Sale—Count of Lakeview (9076); calved March 28, 1910. Bred by Lakeview Stock Farm, Bronte, Ont. A splendid stock-getter. Over 80 per cent. of his get are females. Must sell him, as I have a number of heifers from him of breeding age. He is quiet and sure. Also two young bulls now ready for service, bred by Count of Lakeview, whose dams are granddaughters of Johanna Rhue 4th Lad. Straight and nicely marked. Will sell a few cows due to freshen this month. Bell phone, Fenwick Stn. C. V. ROBBINS, River Bend, Ont.



PURE-BRED REGISTERED Holstein Cattle

The most profitable dairy breed, greatest in size, milk, butter-fat and in vitality. Send for FREE illustrated descriptive booklets. HOLSTEIN - FRIESIAN ASSOCIATION, F. L. Houghton, Sec., Box 127, Battleboro, Vt.

The Maples HOLSTEIN Herd

Headed by Prince Aaggie Mechthilde. For sale at present: Choice bull calves, from Record of Merit dams with records up to 20-lbs. butter in 7 days. All sired by our own herd bull. Prices reasonable.

WALBURN RIVERS, FOLDENS, ONT.

Evergreen Stock Farm 4 bulls—12 mos. old, from officially backed ancestors, running from 18½ lbs. at 3 yrs. to 22 1-3 lbs. as matured cows, and on sire's side from 24 6-10 to 29 lbs. of butter in 7 days. Write, phone or come to F. E. Pettit, Burgessville, Ont.

Glenwood Stock Farm 5 BULL CALVES fit for service, out of big milking strains, at low figure for quick sale. THOS. B. CARLAW & SON, WARKWORTH, ONT. Campbellford Sta.

Maple Hill Holstein - Friesians—Special offering: My junior herd bull, Choicest Canary, son of Nannet Topsy Clithilde, 30.23 lbs.; also choice bull calves.

G. W. CLEMONS, R.R. No. 2, St. George, Ont.

sample, not using sufficient centrifugal force, owing to too low speed in the machine, and inaccurate reading. Too high readings may result from inaccurate measuring of the milk, having the water too hot, reading from a steam-turbine tester without cooling, inaccurate reading. Fat congealed in the neck of the bottle is caused by fat being too cold, and it is impossible to read such a sample; set in hot water, at 140 degrees F., to melt the fat before reading.

Fuller directions are contained in text-books on the subject, and also in various bulletins.

Questions and Answers. Miscellaneous.

Feeding Horse.

Will you tell me, through your columns, what would be good for a stallion four years old, to keep his appetite up, and help him digest his food through the season?

C. M. E.

Ans.—Give the horse regular exercise, and feed on hay and oats of first quality. Add some bran to his grain ration, keep him well groomed, and avoid drugs unless the horse is ill.

Tuberculosis in Fowls.

I have a disease killing my chickens and hens. They seem to get stupid, decrease in flesh, and finally die. I examined a few, and found the liver twice its normal size, and spotted with hard, white lumps. I keep the pen disinfected, and have given them rump cure, but still they seem to die. Could you give me a prescription that would be of any use?

MRS. C. R.

Ans.—The trouble, no doubt, is tuberculosis. When such symptoms occur, you should send a dead bird, with description of symptoms, to Dr. C. H. Higgins, Biological Laboratory, Ottawa, or to Prof. S. F. Edwards, Bacteriologist, O. A. C., Guelph, Ont. In your case, the trouble appears to be extensive, and we would advise cleaning out the stock, marketing the carcasses of those birds which appear to be healthy. Clean up, thoroughly disinfect, plow up and cultivate the yards, and keep no poultry until winter, at least, when care should be exercised to see that they are in disinfected houses, clean, dry, and well ventilated.

Preserving Posts.

1. What is an effectual treatment of fence posts to make them last longer?
2. Have you evidence of there being much difference in the lasting qualities of posts treated and untreated?
3. Would charring the posts be of much benefit?

J. L.

Ans.—1 and 2. Creosote is a good treatment. Treat the posts on a warm day. Have them piled on skids clear of the ground. Heat the creosote in a kettle to a temperature of about 220 degrees F., and paint it on the posts with a wide brush. As soon as one coat is dry, apply another. The creosote should penetrate the wood from one-sixteenth to one-quarter of an inch. A pint of creosote should do a fair-sized post. H. R. MacMillan, of the Dominion Forest Service, says that the increased life of the post far more than pays for the trouble and expense of creosoting. Of course, posts should be seasoned before treating.

3. It is very doubtful whether the practice would have the effect desired.

THE SAFE COURSE.

A newcomer in Porcupine mining district tells an anecdote that admirably illustrates the extreme caution of the mining man regarding any controversy. The new arrival met an interesting young stranger, and, as it was near night, proposed that they pitch camp together. After they had unpacked their things and had a bite to eat, they were enjoying a quiet smoke prior to retiring.

The newcomer ventured to remark, "Fine night."

"Looks like rain," observed the other.

"Oh, no; I don't think so."

Whereupon the newcomer, to his companion's great astonishment, got up and deliberately began packing his kit.

"What's the matter?"

"Oh, I guess I'd better move on."

"But why?"

"Too much argument."

Ontario Wind Engine & Pump Company's LINES ARE SUPREME



N8

A Good Investment

A boy disputed the possibility of the anecdote, "George Washington threw

a dollar across the Delaware." His father explained that a dollar went farther then than in these days. That was in 1776.

In 1913 your dollar invested in the Ontario Wind Engine & Pump Co.'s Gasoline Engine, Well Drill, Grinder, Pump, Scale, Pump Jack, Stanchion, Water Basin or Pressure Tank, will go equally as far and bring you the result of entire satisfaction.

If your dealer does not handle our lines write the **ONTARIO WIND ENGINE & PUMP CO., Ltd.**, at Montreal, Toronto, Winnipeg or Calgary.



Genasco THE TRINIDAD-LAKE-ASPHALT Ready Roofing

When you want all the buildings on the farm waterproofed to stay—cover them with this genuine Trinidad Lake asphalt roofing, applied with the Kant-leak Kleet. Write us for samples and the Good Roof Guide Book.

The Barber Asphalt Paving Company, Philadelphia, D. H. Howden & Co., Ltd., 300 York Street, London, Ont. Largest producers of asphalt, and largest manufacturers of ready roofing in the world. Montreal Ottawa Toronto The Canadian Asphalt Company, Ltd. Winnipeg, Man.

Service Bulls and Bull Calves from A. R. O. Dams.

Sons of Johanna Concordia Champion, No. 60675, one of the richest bred and best individual bulls of the breed. His granddams, Colantha 4th's Johanna 35.22 lbs. butter in seven days, fat 4.32 per cent.; and Johanna Colantha 2nd 32.90 lbs. butter in seven days, fat 5.02 per cent. Average butter in 7 days 30.06 lbs.; average fat 4.67 per cent. If you want to increase the butter fat in your herd, let me sell you one of these bulls. I can spare a few good cows and heifers bred to the "Champion." Write me your wants and I will try and please you.

MAPLE AVENUE STOCK FARM, L. E. Connell, Prop., Fayette, Fulton Co., Ohio. U. S. A.

FAIRVIEW FARMS HERD

REMEMBER:—Pontiac Korndyke sired the bull that sired the new 44-pound cow. Do you want a sire to use that has such transmitting ability? If so secure a son of Pontiac Korndyke, or Rag Apple Korndyke 8th, the strongest bred Korndyke bull in the world.

E. H. DOLLAR, Heuvelton, N. Y.

Near Prescott, Ont.



Lakeview Holsteins

Have only two bulls of the serviceable age left and are offering them at very reasonable prices. We are now in a position to offer a few young cows and heifers that are well worth the money asked to anyone looking for the best in breeding.

E. F. OSLER, BRONTE, ONTARIO.

SUMMER HILL HERD OF Holstein Cattle and Yorkshire Pigs

Do you realize that you must have another serviceable bull soon? Better go down to Hamilton right away and see those well-bred fellows with high official backing, that you can buy well worth the money from

D. C. FLATT & SON, R.R. No. 2, Hamilton, Ont. 'Phone 2471. Of course, we always have lots of pigs, all ages.



Holsteins

One six year old cow due this month also fine 2 and 3-years heifers, bred; also a few Yorkshire pigs ready to wean.

A. WATSON & SONS, St Thomas, Ontario.

L. D. 'Phone Fingal via St. Thomas.

Evergreen Stock Farm High-class Registered Holsteins

For sale: A few choice young bull calves and females, all ages; good enough for foundation stock

A. E. HULET, Norwich, Ontario.

Show Stock for Sale

Owing to the protracted illness of M. H. Haley, we have decided not to exhibit at Toronto next fall. Offering stock of extra quality in all classes of young animals. Aged

M. H. HALEY, SPRINGFORD, ONT.

Anyone wishing show cattle write for prices.

and two-year-old bull. Extra good.

Woodbine Holsteins

Young bulls and bull calves for sale, sired by King Segis Pontiac Lad, a combination of all the greatest sires in the world, and Duke Beauty

Pietertje, a grandson of Beauty Pietertje, the only cow in the world which is a 30-lb. cow, and has produced a 30-lb. daughter with a 30-lb. daughter.

A. KENNEDY & SONS, Paris, Ont. R.R. No. 2.

