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Cures Caked Udders Over Night

Saskatchewan Stockman's Experience With Douglas' Egyptian Liniment.

The stockman, and more particularly the dairy farmer, has to keep a sharp lookout for caked udders, for he knows how seriously trouble of this kind is likely to affect the milk production of his herd.

Mr. W. Robinson, of Ituna, Sask., does not worry about it any more, however, for he has found a quick and certain cure.

He says: "I have used your Egyptian Liniment with splendid results. I have had cows calve at night with their udders so badly caked that it was impossible to milk them, but after one application of your Liniment they were all right the next morning."

Caked Udders demand quick action. The safest, wisest plan is to keep a bottle of Douglas' Egyptian Liniment always on hand.

25c. at all Dealers.

Free Sample on request.

DOUGLAS & CO.

NAPANEE :: ONTARIO

Calves Without Milk

BLATCHFORD'S CALF MEAL The Complete Milk Substitute

The result of over 100 years' experience with calf-raisers. The only Calf Meal made in an exclusive Calf Meal Factory. As rich as new milk at less than half the cost. Makes rapid growth. Stops scouring. Three calves can be raised on it at the cost of one. Get Bulletin, "How to Raise Calves Cheaply and Successfully Without Milk" by sending a postcard to



Steele, Briggs

Seed

Co.,

Toronto

Ontario

HOLSTEIN - FRIESIAN ASSOCIATION OF CANADA

Applications for registry, transfer and membership as well as requests for blank forms and all information regarding THE FARMER'S MOST PROFITABLE COW should be sent to the secretary of the Association.

W. A. CLEMONS, ST. GEORGE, ONT.

REGISTERED HOLSTEINS

Orders booked for bull calves from well bred dams with good A. R. O. backing. No females for sale at present.

Wm. A. Rife, Hespler, Ontario

Maple Grove Holsteins

Present offering: a few bulls fit for service, sired by the great King Lyons Hengerveld, who is beyond doubt the richest butter and milk bred bull of the breed in Canada. These bulls are out of high testing R.O.M. cows and heifers, and individually are unsurpassed. Also a few heifers just freshened. If you want the best write me for prices and particulars.

H. BOLLERT, R.R. No. 1, Tavistock, Ont.

Woodbine Holsteins

Young bulls and bull calves, sired by Duke Beauty Pietertje; sire's dam's record 32.52 lbs. butter, and the two grand-dams are each 30-lb. cows, with 30-lb. daughter, with 30-lb. granddaughter. Three generations of 30-lb. cows. If you want a bull that will prove his value as a sire, write

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

Stations: Ayr, C. P. R.; Paris, G. T. R.

The Maples Holstein Herd

Headed by Prince Aaggie Mechthilde. Present offering: Bull calves born after Sept. 1st, 1913. All sired by Prince Aaggie Mechthilde and from Record of Merit dams. Prices reasonable.

WALBURN RIVERS, Ingersoll, Ontario

SPRINGBANK HOLSTEINS

Two young bulls, one 12 months, and one over two months, for sale, from good milking strains at low figure, for quick sale. Also a few choice grade heifers. WILLIAM BARNET & SONS

Fergus, P.O. Ont. R.R. No. 3.

DON JERSEY HERD

Offers young bulls and heifers for sale: heifers bred to Eminent Royal Fern.

D. DUNCAN, DON, ONTARIO

Phone L-D. Agincourt. Duncan Stn. C. N. R.

Questions and Answers. Miscellaneous.

Cottonseed Meal.

Could you tell me where I would be able to get cotton-seed meal? E. M.

Ans.—Several firms handling this feed advertise in these columns. Look up the advertisement.

Water Supply.

I would like to ask a question or two, and if you have space in your columns, kindly answer.

1. I am intending to put water in the house, and would like to know what capacity of tank you would recommend in the attic to supply kitchen and bathroom for family of six?

2. I have a cistern near the house which needs a new pump. Could one be worked as I have indicated in the sketch for elevating the water to the attic, and also as a cistern pump, or would it be better to have two separate pumps? W. A. W.

Ans.—1. Your tank should be large enough that it would not require pumping up more than once or twice a week. Allowing 30 gallons per individual per day, this would mean about 1,280 gallons per week, which would be almost exactly 200 cubic feet. This would require a tank 4 x 5 x 10 feet, or some other three dimensions which multiplied together will give approximately 200, if pumping is to be done once a week.

2. A pump installed as shown in your sketch would be all right, provided you had two valves, one in the pipe leading to the tank, and the other in that leading to the sink. One would have to be closed when the other was being used. It would have to be a force pump. W. H. D.

Bee Hive Queries.

1. Please give full directions for wiring foundation comb in Langstroth frames. How much foundation would you use in frames for brood, and in 4 x 4-inch boxes for comb honey?

2. How can you tell a queen cell from that of a drone?

3. Which, in your opinion, is the better, an eight- or ten-inch frame hive? R. B.

Ans.—1. Langstroth frames for wiring are usually pierced with three holes in each end, evenly distributed in each end-bar of the frame. The frame is first placed in a wired form which holds it rigid, then the wires are threaded back and forth, and through these holes, drawn as tight as possible without breaking or cutting into the wood of the end bars and fastened at the ends by giving a couple of turns around the small cut tack which is afterwards driven down smooth into the end bar of the frame. The frame then has three horizontal wires at equal distances from bottom to top of the frame. A board is then cut just the right size to fit inside the frame. This board is placed on the work bench, the sheet of foundation on that, and the wired frame on the foundation. The upper edge of the foundation must first be fastened in the groove in the top bar by means of a wedge, which is supplied with the frame. The ordinary spurs-wheel wire-imbedder, supplied by supply dealers, is the best to use. Care should be taken to have the room in which the work is being done at a good warm temperature, so the foundation will be soft enough to work easily. Then the wire should be pressed just to the middle of the foundation, but not far enough through to cut the foundation off. In every case a sheet of foundation large enough to completely fill the frame should be used; in other words, what we call full sheets of foundation. These should be used, not only in brood frames, but also in the 4 1/2-inch sections for comb honey. This seems like somewhat of an expense, but it gives sufficiently better returns to more than pay for the additional expense for the foundation.

2. A queen cell is always projecting out from the comb, having an appearance slightly similar to a peanut. It is very easily distinguished from drone cells, which are always a part of the comb the same as the worker cells.

3. It is generally considered better to use the 10-frame Langstroth hive, and this is what I always recommend to beginners. M. P.



The Ideal Green Feed Silo

has proved its worth upon thousands of Canadian farms. Its materials and construction are the very best throughout, and every one contemplating the erection of a silo this year will find it to his advantage to get our specifications and prices.

An Ideal Green Feed Silo on your farm means better feed, cheaper feed, more milk, larger profits from your cows.

Don't go through another winter without one

Now when you have time why don't you settle the silo question? You know you ought to have a silo, so why not make your plans now? Most likely you will find the information you want in our silo book which we will be glad to mail free upon request.

DE LAVAL DAIRY SUPPLY CO., Ltd.

LARGEST MANUFACTURERS OF DAIRY SUPPLIES IN CANADA

MONTREAL PETERBORO WINNIPEG VANCOUVER

Riverside Holsteins

Herd headed by King Johanna Pontiac Korndyke whose near dams and sisters, 12 in all, average 35.77 lbs. butter in 7 days. His sister, Pontiac Lady Korndyke, has a record of 38.02 lbs. butter in 7 days, 156.92 lbs. in 30 days—world's records when made. We are offering several females bred to this bull; also a few bull calves.

J. W. RICHARDSON

R. R. No. 2, Caledonia, Ont.

Fairview Farms Herd

Offers for sale: A son of Rag Apple Korndyke 8th out of a daughter of Pontiac Korndyke with a record of 27.72 lbs. in 7 days, averaging 4 1/4% fat. Grand dam has a record of 29 lbs. Calf is nearly ready for service. Write me for description and breeding.

E. H. DOLLAR,

HEUVELTON, N. Y. (near Prescott, Ont.)

LAKEVIEW HOLSTEINS

Senior herd bull—Count Hengerveld Fayne De Kol, a son of Pietertje Hengerveld's Count De Kol and Grace Fayne 2nd. Junior herd bull—Dutchland Colantha Sir Mona, a son of Colantha Johanna Lad and Mona Pauline De Kol. Third bull—King Canary Segis, whose sire is a son of King Segis Pontiac, and whose dam is 27-lb. three-year-old daughter of a 30-lb. cow. Write for further information to—

E. F. OSLER,

BRONTE, ONT.

HOLSTEIN CATTLE

The only two world record Holsteins in Canada are owned by us. There are only three cows in the World that have made over thirty pounds butter, three years in succession, one of them is owned by us. The only bull in Ontario, whose dam has given 116 lbs. milk a day, and made 34.60 lbs. butter, in seven days, is owned by us. We have young bulls and females for sale, bred on same lines as our Champions.

D. C. Flatt & Son Long Distance 'Phone R.R. No. 2, Hamilton



HOLSTEINS—I can supply a limited number of high producing and highly-bred bulls, bred on both sides from high official backing. Let me know your wants.

W. E. THOMPSON, R.R. No. 7, Woodstock, Ont. L-D. 'Phone

HOLSTEINS

FOR SALE—Male or female. Herd sire, Prince Hengerveld of the Pontiacs, son of King of the Pontiacs. A few choice females bred to above sire.

F. HAMILTON ::

"Hamilton Farms" :: St. Catharines, Ont.

HOLSTEIN-FRIESIANS

BULL CALF for sale. His dam's record 24.12 butter. Write for pedigree chart. Our price is very reasonable. D. B. TRACY, COBBOURG, ONTARIO.

HOLSTEINS FOR SALE—Bargain if taken at once; one aged cow, large, in fine condition and milking well, due in June to service of King Korndyke Inka de Kol, who is a son of Pontiac Korndyke; three heifers, sisters, coming 2, 3 and 4 years old; 2 fresh in September, one due in March; also a well grown, nicely marked Reg. bull rising two years, \$75.00, or \$600.00 takes the lot. Collver B. Robbins, Riverbend, Ont.

Brampton Jerseys

We are doing the largest business we ever did, chiefly with our old customers. Young bulls and heifers from sires with tested daughters. Several imported cows and bulls for sale. Canada's Greatest Jersey Herd B. H. Bull & Son, Brampton, Ont.