

GREATLY IMPROVED HORSE COLLAR PADS

Look Where the Arrows Point!



Our new staple and felt reinforcing device gives the hooks a larger, firmer hold on the pad and keeps them from coming off easily. It adds to life of the pad and satisfaction of the user. This form of attachment is

Found Only On Pads Made By Us

Ask your dealer for free Tapatco booklet. Shows pads in colors and contains valuable horse remedies. If he hasn't it request him to write us direct.

The American Pad & Textile Co.

Main Office and Plant, Greenfield, Ohio, U.S.A. Chatham, Ont.

GET MORE MILK BY FEEDING

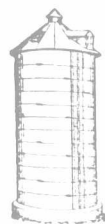
Creamo Brand Cotton Seed Feed Meal
(Registered)

Car lots or less. Prices on application.

FRED. SMITH

32 Front St. W., Toronto, Ont.

A PAYING INVESTMENT



Store your corn in a BISSELL SILO and it will keep sweet and sappy. BISSELL SILOS are built of seasoned timber saturated with Wood Preservative Oils. They are durable, heavy-hooped structures, with air-tight walls and tight doors.

In several sizes with or without roofs. Write Dept W for free catalogue. 97 T. E. Bissell Co., Ltd., Elora, Ont.

CREAM WANTED

Ship your cream to us. We pay all express charges. We supply cans. We remit weekly. We guarantee highest market price.

Ontario Creameries, Limited
London, - Ontario

LIVINGSTON BRAND

The purest and best.

OIL CAKE MEAL

THE DOMINION LINSEED OIL CO., Ltd.
Manufacturers, Baden, Ont.

Questions and Answers.

Veterinary.

Miscellaneous.

1. Heifer occasionally quids her cud. She eats well and appears in good health, but some mornings there is about 1/2 bushel of quidded cud in her manger. She will go three or four days at a time without doing this.

2. About two months previous to calving, fluid commenced to form in cow's womb. This increased until she could hardly rise. She calved at full term, but died in a few days. Should the calf be removed when fluid commences to form?

3. A large three-year-old heifer commenced to bloat. I treated her but the bloating persisted. After starving her for 12 hours she would apparently be all right, but so soon as she ate anything she bloated. She got very thin and I destroyed her.

4. Cow had milk fever, I gave the air treatment and she recovered, but she took udder trouble, the udder became gangrenous and she died. E. F.

Ans.—1. The trouble is in the mouth. Have the mouth examined by a veterinarian. He will find that the teeth require dressing, or find some other cause which he probably can remove.

2. Fluid forms in considerable quantities in all cases. In some cases it forms in abnormal quantities and the cause is not understood and cannot be controlled. It is not at all probable that the quantity of fluid caused death. A careful post-mortem might have revealed the cause of death.

3. It is probable there was some foreign matter in the stomach, or the trouble may have been due to weakness of the digestive glands. Treatment, in the first case would have been an operation by a veterinarian, provided a diagnosis could have been made. In the second the administration of 3 ozs. oil of turpentine in a pint of raw linseed oil to dissipate the gases. This followed by a purgative of 1 qt. raw linseed oil, and after its action the administration three times daily of a tablespoonful of equal parts powdered sulphate of iron, gentian, ginger, nux vomica and bicarbonate of soda, and feeding easily digested food in very small quantities and gradually increasing the amount as digestion improved.

4. The inflation of the udder with oxygen gas or sterilized air is the proper treatment for this disease, but in order to avoid udder trouble it is necessary to be very careful when using either of these as the introduction of any septic material into the udder is always followed by more or less udder trouble. The introduction of ordinary air by means of a bicycle pump or other contrivance gives the same immediate results, but where the air is not sterilized and the udder and teat syphon thoroughly there is the danger mentioned. No doubt this was the cause of death in this case, oxygen gas is somewhat expensive, but instruments especially designed for the purpose of sterilizing the air can be purchased from any dealer in veterinary instruments at little cost. By using one of these and sterilizing the udder, teats and syphon with a warm 5 per cent solution of one of the coal-tar antiseptics, danger of this trouble is avoided. It is a great mistake to use a bicycle pump and to be careless about sterilization in such cases. It of course saves the veterinarian's fee, but often results in disaster. V.

Miscellaneous.

Bull Running in Pasture.

1. A has a mongrel bull between one and two years old. Last summer he let him loose with his other cattle. B owns a pasture next to A's, in which he had two pure-bred heifers. The bull bred the heifers and got them with calf. What damages can B claim against A?

2. Has anyone a right to let a bull of that age run loose? E. G. K.

Ans.—1. If B can prove the case, he can collect to the extent that damage has been done.

2. We are not familiar with the law regarding this matter in Quebec. Write the Clerk of your County for information regarding this matter.

Secure More Pails of Milk From Your Herd

Royal Purple will increase the flow of milk from 3 to 5 lbs. a day if used according to directions. Mr. Norman C. Charlton, Scott, Sask., states:

"I am from Ontario and fed your Royal Purple Stock Specific when in Brownsville. My cows made the largest average and tested 5 pounds over average at C. M. P., Brownsville. I believe you make the best conditioner on the market."

Royal Purple Stock Specific

The great farm animal conditioner and fattener is used in almost every progressive stock-raiser's stable in Canada. Good for all stock in a run-down condition. Can be used occasionally or continually without showing bad after-effects. Royal Purple Stock Specific is purely a digester and blood purifier. It aids digestion to such an extent as to produce the very best results and obtain the maximum amount of good from the food eaten. It will enable you to fatten your steers and hogs a month earlier, thereby saving a month's feed and labor.

Mr. Malcolm Gray, of Komoka, states:

"In regard to the feeding of Royal Purple Stock Specific. I had two lots of hogs. To the first lot I fed Royal Purple Stock Specific, and when I sold them they averaged 196 lbs. each. On the second lot I did not use Royal Purple Stock Specific, and at the same age they averaged only 150 lbs. each. They were both the same breed and one lot had as good a chance as the other. We have also fed Royal Purple Poultry Specific with excellent results."

Royal Purple Stock Specific is put up in 50c. packages and large \$1.50 and \$5.00 tins. Secure our products from our dealer in your town. Write for free booklet on how to treat all common diseases of stock and poultry. Tells how to build hen houses and how to raise calves without milk.

W. A. Jenkins Mfg. Co., Ltd.
London - Canada 36



Holstein Breeders of Eastern Canada

Do you know that 75% of Canada's high record cows were bred in the Belleville District? A number of them have been purchased before making their records at one of the six sales held by

The Belleville District Holstein Breeders' Club

The 1917 sale will be held in the city of Belleville

Wednesday, April 4th, 1917

This year's sale will, as usual, contain much of this same high record blood. Write for catalogue early.

JAS. CASKEY, Madoc, Ont., Sales Manager.

F. R. MALLORY, FRANKFORD, ONT., Secretary-Treasurer

19,753 lbs. milk, 762 lbs. butter

in one year as a 4-year-old, is the official record of "Helena Hengerveld Keyes 3rd" (12254). We are offering her son, born Oct. 15, 1916—a real beauty. His sire is "May Echo's Prince", a son of "May Echo" and a 3/4 brother of the great "May Echo Sylvia", 41 lbs. butter, 1,005 lbs. milk in 7 days, 182 lbs. milk in one day.—World's Champion. This is the kind of breeding you want in your next herd sire. Write us about this fellow—he is priced right.

Joseph O'Reilly, R. R. No. 9, Peterboro, Ontario

Hospital for Insane, Hamilton, Ont.

The choicest lot of young bulls we ever offered

is the best description we can give you of the half-dozen we are now pricing—from our Korndyke bull and R.O.P. dams, testing 4.08 per cent. butter-fat. Ages range from three to twelve months. No females offered.

Apply to Superintendent

Bull Ready for Heavy Service

Straight in top, deep, low set, smooth, lots of length, good dairy type, light in color. R.O.P. records of dam and grandam average fifteen thousand pounds milk and six hundred and fifty pounds butter. Sired by a grandson of King Segis and Blanche Lyons De Kol, a 33-lb. cow, with a 33-lb. full sister. Price \$140 on car, at Toronto.

R. F. HICKS, NEWTONBROOK, YORK COUNTY, ONTARIO

SUMMER HILL HOLSTEINS

The only herd in America that has two stock bulls that the dam of each has milked over 116 lbs. a day and their average butter records are over 35 lbs. a week. We have fifty heifers and young bulls to offer, by these sires, and out of dams just as well bred. We invite personal inspection.

D. C. FLATT & SON, R. R. 2, HAMILTON, ONT. PHONE 7168

EVERGREEN STOCK FARM—High-Class Registered Holsteins

To breeders who wish to make secure their future success we are offering some extra choice bull calves at living prices. Two of these are from daughters of a son of Lulu Keyes, 36 lbs. butter 7 days, and 121 lbs. milk per day, and sired by Prince Colantha Abbekerk, whose dam made 32 lbs. butter 7 days and 104 lbs. milk per day.

A. E. HULET, NORWICH, ONT. Bell Phone 48-r. 2

CLOVERLEA HOLSTEINS

We have too many young bulls on hand at present. We want to sell them—our prices will surprise you. They are all from tested dams and by our herd sire, Pontiac Norine Korndyke. Write quick.

GRIESBACH BROS., COLLINGWOOD, ONT.

Dumfries Farm Holsteins

175 head to choose from. We have on hand at present about 20 young bulls. Can also spare a few fresh cows. Visitors always welcome.

S. G. & ERLE KITCHEN, St. George, Ont.