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June 20, 1917

on Stock Yards of Toronto Limited



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ABORTION TREATMENT

The Health of Animals Branch of the Dominion Department of Agriculture has carried on a number of very successful experiments in the treatment of cows for contagious abortion, chiefly from infected herds. In Experiment No. 1 four yearling heifers, one already affected with the disease, as shown by blood tests, were treated with a protective vaccine. Three were bred three months after. These all had living calves at approximately proper dates in 1916. In Experiment No. 2 ten yearling heifers were innoculated March 20 1915, four of which reacted to the test for contagious abortion. They were bred after an interval of about three months. All became pregnant; eight carried The Health of Animals Branch of the All became pregnant; eight carried their calves to full term and produced living offspring; two aborted.

Experiment No. 3, in which a serum as well as a vaccine was used, was not very satisfactory and gave somewhat conflicting results.

In Experiment No. 4 an effort was made to find out how far the vaccine treatment would prevent abortion in cows which had previously aborted.

cows which had previously aborted.

Eight cows were selected, ranging from two to seven years in age. All had previously aborted, one of them three times, the others once. All but one reacted to the test for contagious abortion. None were pregnant when inoculated nor bred afterwards until some weeks had clapsed. The result showed six cows produced living calves at full term; one cow proved to be harren and was slaughtered; and one cow reacted when the herd was tested with tuberculin and was slaughtered, having previously aborted.

The method used in this experiment

The method used in this experiment was a double inoculation with a mild vaccine first followed by a strong vac-cine several days later.

cine several days later.

In Experiment 5 four cows, aged two to seven years, and four yearling heifers were used. The cows had all aborted previously, one of them twice, the others once. Three of them reacted to the test for contagious shortion. All were treated by the double method, and were bred after a suitable interval with the following result; one of the cows, the one that had aborted twice previously, aborted again. All the others produced living calves.

These experiments have resulted in

These experiments have resulted in obtaining 27 living calves from 34 cows and heifers in badly infected herds. This checurages us to hope that a really useful method of producing immunity to the disease has been found, and the Department is now anxious to calarge its experience by extending its work to other herds.

With this object its account of the country of

other herds.

With this object it now offers to treat free of charge a limited number of herds in which contagious abortion is present. Owners are requested to make application in writing to the Veterinary Director General, Parliament Buildings, Ottawa, stating the number of breeding females in the herd. Applications will be dealt with in the order of their receipt.

TO BUY MANITOBA REMOUNTS

The British Remount commission is about to attempt to purchase 14,000 horses for the army in the province of Manitoba.

An inspection will be held in Winnipeg on June 26. Afterward, if necessary, inspections will be held at various other provincial points.

"At the present time the demand is for light artillery horses, weighing from 1,250 to 1,300 pounds; 15-1 to 16 handshigh; age 6 to 9 years; price to be \$190, less the cost of shipping to Winnipeg.

"Another class required is heavy artillery horses, weighing 1,500 or over; 15-1 to 16 hands; price \$220, less cost of shipping to Winnipeg.

"The president of the French and Italian commissions will also be in Winnipeg on the 26th for the purpose of looking over horses and buying. These three commissions have combined together to make a Canadian market."

Better buy glass jars for cause preserving as soon as possible to probable delays at the beight

Shorthorns at Auction

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75 Head 65 Females, 10 Bulls

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Write for Catalogue to either consignor or-J. W. DURNO, Auctioneer.

Unreserved Auction Sale

Instructed by the Estate of the late Geo. Creighton, Ghost River, I will sell at

Alberta Stock Yards, Calgary Thursday, July 5th, 1917, at 12 o'clock sharp (Calgary Fair Wook)

400 HEAD HORSES

From the Creighton Estate

50 Head Mares and Geldings

120 Head Mares and Geldings

1,150 to 1,300 lbs. Shire and Percheron bred., About 30 of the mares have colle at foot.

80 Head good boned 1 and 2 year old Colts mostly Mares

NOTE: The above are an exceptionally good bunch of horses and as everyone knows the late Mr. Creighton who raised horses for over 15 years paed nothing but the best imported stallions. These horses have good bone and conformation.

Also 100 Head Mares mostly with colts at foot Clyde bred, from the Gang Ranch, B.C.

> and 100 Head (particulars later) from Major Oswald Critchley Cochra

NOTE-The above horses will be put up to late to sell purchases

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