

Supply—Agriculture

cattle were concerned, but I do not see how they missed them the first time.

Mr. Gardiner: Of course, there is the possibility that the three which were found in the beginning left sufficient infection around for the others to become infected in the meantime. I know that happened once in my own herd.

Mr. White (Middlesex East): Have any T.B. tests been made in Newfoundland?

Mr. Gardiner: No general tests have been made by this government. Whether one has been made by the other government, I do not know. Perhaps the Secretary of State can inform us.

Mr. Bradley: No.

Mr. Gardiner: I understand not.

Mr. Blair: Will the minister give consideration to the insurance scheme I suggested for the higher grades of purebred cattle?

Mr. Gardiner: After the hon. member spoke I tried to get some information as to the extent to which high-priced cattle can be insured. I imagine there is a possibility of insuring such cattle, which have been properly inspected and tested.

Mr. Blair: With commercial companies?

Mr. Gardiner: Yes, by commercial companies. However, I do not know that the government would want to consider going into the insurance business in that way.

Mr. Fair: What progress is being made in stamping out Bang's disease?

Mr. Gardiner: I do not know that I can suggest that great progress is being made, but I believe I can say that fairly satisfactory progress is being made. I have here some figures showing the total number of herds under examination and control of our inspection staffs, and the number of herds declared clear. These headings mean that the herds are still under supervision, and to get the total number of herds the figures should be added together. The information I have here is as follows:

	Herds under examination and control of inspection staffs	Herds declared clear
Prince Edward Island	37	10
Nova Scotia	1,228	90
New Brunswick	20	9
Quebec	294	200
Ontario	1,975	1,432
Manitoba	9	4
Saskatchewan	18	12
Alberta	11	2
British Columbia	29	18

In all Canada there are 3,621 herds under supervision and 1,777 declared clear.

[Mr. White (Middlesex East).]

Mr. Fair: What method is being used? Is there a process of vaccination while the calves are young, or at some other time?

Mr. Gardiner: Calf vaccine is being used by owners. Many of them tested these herds in order to render their cattle exempt from Bang's disease. This has proven successful in the United States. For a time we did not advocate its use here, but in more recent years we have accepted the proof given that it has been used successfully in the United States. We are now encouraging its use here, and many farmers are using it. In addition to that, there have been the ordinary tests which have been made, and animals condemned.

Mr. Fair: What happened to the Koch treatment of some seven years ago?

Mr. Gardiner: It has never been thought by the department to be satisfactory, and has never been encouraged by them.

Mr. Fair: But some experiments have taken place in connection with it?

Mr. Gardiner: I understand the department has tried to investigate everything that has been proposed at one time or another. This was one of the treatments they did not consider sufficiently satisfactory to warrant its recommendation.

Mr. Johnston: It was three or four years ago that Dr. Arnott of London, Ontario, had something to do with this Koch treatment. There was an extensive investigation, and I am wondering whether a report has been made with respect to it.

Mr. Gardiner: Yes, a report was made. He came here and discussed the matter with me and with others. I sent him to the officials, of course, and a full investigation was made into the treatment. The report was that the department was not prepared to recommend it.

Mr. Johnston: Would the minister make a copy of the report available? When Dr. Arnott was here he came to my office on several occasions to discuss this matter, and told us about the methods being employed and the manner in which the department was handling it. We were quite concerned at that time, because there did seem to be some hope that the treatment might have substantial results. If it is possible for the minister to submit the report to the committee, it would be of great service to us.

Mr. Gardiner: I am not sure whether the report was tabled in a previous year or not. I do know, however, that I have had considerable correspondence with regard to it, and I believe I sent the report to those who were interested in it. I am sure it is avail-