

Enclosure 2, in No. 3.

The Marquis of *Lansdowne* to the Earl of *Derby*.

(No. 246.)

Government House, Ottawa, Canada,
2 October 1884.

My Lord,

IN continuation of my Despatch, No. 242, of the 27th ultimo, on the subject of the importation of cattle from the Western Territories of the United States into England through the Dominion of Canada, I have the honour to forward herewith a copy of a Report made by Dr. Andrew Smith, Principal Ontario Veterinary College, to the Minister of Agriculture, on the origin and extent of contagious pleuro-pneumonia among Jersey cattle in the State of Illinois.

The Right Hon. the Earl of Derby, K.G.,
&c. &c. &c.

I have, &c.
(signed) *Lansdowne*.

Dr. *Andrew Smith* to the Minister of Agriculture.40 and 42, Temperance-street, Toronto,
6 September 1884.

Sir,

ACCORDING to instructions I proceeded to Chicago on Friday the 29th ultimo to make inquiries as the origin and extent of contagious pleuro-pneumonia, as reported among Jersey cattle in the State of Illinois.

In Chicago I met with Mr. John Boyd, of 199, Lake-street, and of Chestnut Farm, Elmhurst, Illinois, who has a herd of about 40 Jerseys. Mr. Boyd's herd have been always healthy until lately. Mr. Coggeshall and he each bought a cow from G. and W. C. Clark, of Geneva, Illinois, which were received into Mr. Boyd's herd on 4th of June.

About 1st July both cows showed signs of sickness, one of them died on the 20th of July, and the other was destroyed on the 14th of August, and showed unmistakable signs of contagious pleuro-pneumonia.

Since that time 13 head have been lost, two from death, and 11 destroyed by order of Dr. Paaren, State Veterinarian; and in all cases post-mortem examinations revealed the well-marked and characteristic lesions of the disease.

I met with Dr. Paaren, State Veterinarian for Kansas, who had just returned from Clark's farm, near Sterling, Illinois.

Dr. Paaren informed me he had personal and direct knowledge of the disease in various points, all, however, so far confined to Jerseys, and all cases supposed to originate from one centre.

On Monday, 1st of September, I proceeded to Peoria, Illinois, in company with Dr. Paaren, and on Tuesday we made examinations of the Messrs. Tripp's herd of Jerseys. We found one cow, "Miss Innes," suffering from the disease in an acute form, and had her immediately destroyed, and the autopsy showed extremely well-marked and prominent lesions.

We then examined "Helena Rex," a young cow bought at Epler's sale in February last. "Epler's farm is supposed to be the centre of infection, so far as Illinois is concerned," and this cow, along with two others, were brought immediately thereafter to Messrs. Tripp's farm.

About 1st April a cow that had been in contact with the recent additions to the herd showed signs of lung trouble, and died on 17th April.

The cow "Helena Rex" aborted during the spring, but did not appear to suffer from any pulmonary trouble, and was apparently quite healthy to a casual observer.

Although the ordinary external manifestations of the disease were not very decided, yet careful auscultation and percussion showed some results of lung complaint.

Messrs. Tripp were averse to having this animal destroyed. Finally it was thought desirable to have her destroyed, and the *post mortem* showed well-marked adhesions of the right lung, a most prominent result of contagious pleuro. This condition clearly and satisfactorily demonstrated to Messrs. Tripp the manner in which this disease primarily originated among their herd. "Helena Rex" was brought from Dyes' farm in Ohio, in December of last year, to Epler's, and I believe was one of the animals that produced contagious pleuro among the Epler herd.