



THE

# Director-Generals'

PAGE

## Vaccination Against Pulpy Kidney In Lambs

SINCE its introduction in 1937, vaccination has proved to be the best practical means of control of enterotoxaemia or "pulpy kidney" disease in lambs.

In some districts the main loss occurs in lambs between the ages of three and six weeks. Invariably, the best conditioned and most forward lambs are attacked by the disease. Losses vary from district to district from under  $\frac{1}{2}$  per cent. to 5 or 6 per cent. To control

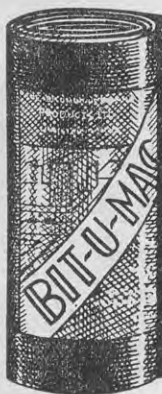
this loss of very young lambs the vaccination of the pregnant ewe has been recommended. The vaccination is carried out by giving two injections of specially-prepared vaccine, with an interval of several weeks between the injections. The second injection is given in the last two or three weeks before lambing is due to start. Details of the vaccine and method of carrying out the injections may be obtained from Veterinarians and Inspectors of Stock.

In other districts the main loss occurs in older lambs or even in hoggets, depending mainly on the type of sheep husbandry practised in the district. In order to control losses in this age of lamb, it is not recommended to vaccinate the ewes. The best results are obtained through vaccination of the lambs themselves.

Here, again, a special type of vaccine has been prepared with a view to minimising the possibility of abscess formation after the injection. It will be readily recognised that the control of abscess formation after injections is most important in lambs being fattened for slaughter for export, as it is necessary to reduce the risk of blemishes on the carcass. With this object in view, it is imperative that the strictest cleanliness should be observed at the time of vaccination, whether ewes or lambs are being dealt with. Any instructions given with the vaccine should be carefully carried out, and, as far as possible, a sepsis in the vaccination operations should be observed.

# BIT-U-MAC . . .

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## Digesters in Freezing Works

FREEZING works in New Zealand are equipped with digesters with sufficient capacity to enable them to process the bones and waste materials from normal killing operations, but, in view of the increased canning programme for next season and the request by the United Kingdom Government for all beef to be boned before shipment, a greatly increased strain will be thrown on the capacity of digesters.