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### THE PREVENTION OF TUBERCULOSIS.

#### PASTEURIZATION DEMONSTRATION AT GLEN OROUA FACTORY.

[By C. J. REAKES, M.R.C.V.S., Director, Live-stock and Meat Division.]

THE practical demonstration of the pasteurization of separated milk at the Glen Oroua Factory is now beginning to yield practical results. It will be remembered that last season the Department, with the cordial co-operation and assistance of the directors of the Glen Oroua Company, installed a pasteurizer in the factory, with a view of giving a practical proof of the practicability of the process, and the good results to be attained from it when properly carried out. It was found, however, that the boiler-power was insufficient to enable the pasteurizer to be effectively worked, and consequently the demonstration had to be abandoned for that season. During the winter the directors installed a large boiler, and from the commencement of the present season all the separated milk at the factory has been pasteurized.

The pasteurizer used is one of the ordinary cylindrical form, and in actual working 1,250 gallons per hour were dealt with. At the beginning some difficulty was experienced as a result of the heated milk frothing when discharged into the skim-milk tank. This has been overcome by affixing to the mouth of the pipe a simple and inexpensive fitting in the form of a 2 in. elbow with an adjustable spring-valve attached. As the skim-milk finds its way to the tank, the pressure opens the valve just sufficient to spray out the milk to the width of the tank, which successfully breaks down the froth.