

Economic Impact of FMD in Chazhoor Panchayath

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Abstract

Foot and mouth disease is probably the most important livestock disease in the world in terms of economic impact. Of all the vesicular diseases prevalent in India, FMD remains the greatest and most feared scourge. In Chazhoor Panchayat, 62 animals were affected with FMD, out of which 28 were vaccinated. The economic loss was calculated taking into consideration milk loss, losses due to abortion and treatment charges. The total economic loss was calculated as Rs 313900/- out of which loss in milk production accounted for 80.68%. Cost of milk was calculated at the rate of Rs. 12/ litre, to assess the economic loss. Treatment cost includes vehicle charges and cost of medicine. An average loss of 8 hrs/ day/ animal was calculated. Vaccination cost of Rs. 5/ animal was also considered. Towards the nursing of animal and disinfection of shed, loss of manpower of 2-hrs/ animals for 5 days was calculated.

keywords: - FMD, economic impact, production loss, manpower, Chazhoor Panchayath