

Incidence of Dermatophilosis in Cattle in Bauchi State, Nigeria: A Review

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Abstract : This study was conducted to determine the prevalence of Dermatophilosis in cattle in Bauchi State and suggest possible control measures. Data were obtained from the State Ministry of Agriculture and Natural Resources, Veterinary Division and monthly reports from Local Government Area Veterinary Offices for a period of three years ranging from 1996-1998. The result revealed that the disease is more prevalent in the rainy season which coincides with preponderance of the predisposing factors. Of the total 17,252 infected cattle in the State, Western zone had the highest cases with 8,298 (50.0%), followed by Central zone with 5,211 (30.0%) and the least was in the Northern zone with 3,753 (20.0%) cases. Rainfall pattern within the zones could be responsible for the variation in the prevalence rate. Analysis of variance revealed that there is no significant difference in the prevalence of Dermatophilosis between the years ($P < 0.212$) while there is significant difference within the zones ($P < 0.012$). Correlation analysis carried out showed that there is positive relationship between rainfall and Dermatophilosis ($r < 0.909$). Since the disease is more prevalent during the rainy season, efforts should be exerted on thorough preventive measures during the period to control the disease in the State, particularly in the Western zone.

Keywords : incidence, dermatophilosis, cattle, Bauchi State

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