



RESEARCH PAPER

Studies on prevalence of GI nematodes in cattle in Udaipur, district (Rajasthan)

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Abstract : A study was conducted from Sept. 2020 to January 2021 in and around Udaipur district and the overall prevalence of for gastrointestinal nematode in the cattle of Udaipur district was reported. The Overall prevalence of GI nematode infection in cattle was (64.28%). Among various GI nematode infections reported in the present study, *Strongyles* (44.55%) were the most prevalent gastrointestinal nematode followed by *Trichuris*, *Toxocara* and *Strongyloides*. In cattle seasonal analysis revealed highest prevalence in rainy season (72.61%) and lowest in winter (39.62%). Sex wise observations that the females (67.39% and 58.33%) were more infected with GI nematode infection than the males cattle, respectively. The age wise prevalence of GI nematode infection reported highest prevalence in age group below 3 years (82.79%) followed by 3-5 years age group (55.07%) and above 5 years age group (41.66%) in cattle. Month wise GI nematode infection showed higher prevalence in September Month (75.92%) in cattle.

Key Words : GI Parasites, Prevalence

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