

Seasonal Incidence of Caprine Gastrointestinal Nematodosis

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Abstract

A total of 157 goats, irrespective of sex, breed and age from an organized farm were screened for gastrointestinal nematode infection for a period of one year i.e. from February 2006 to January 2007. Occurrences of G.I. nematodes in different age group were also studied. The goats below 1 year were found to carry significantly higher nematode burden than the goats of 1-3 years and above 3 years of age. In strongyle groups, the parasites were recorded as *Haemonchus*, *Oesophegastomum*, *Trichostrongylus*, *Strongyloides*, *Bunostomum* and *Cooperia*. Prevalence of Strongyle infection was higher in monsoon season in goats below one year of age. Non-occurrence of *Trichuris* spp in winter season was also recorded. Ivermectin @ 10 mg/30 kg. Body weight orally as single dose was found to be most effective for treatment of gastrointestinal nematodosis.

Keywords: Nematode, Gastro-intestinal, *Haemonchus*, *Oesophegastomum*, *Trichuris*, Ivermectin, Helminth.