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ARTICLE

Incidence of gastrointestinal helminth parasites in goats and their therapeutic management

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Abstract : As per faecal examination the incidence of gastrointestinal helminth parasite infection in goats was 80 per cent. The percentage of infections was highest in monsoon season followed by winter and summer season. Susceptibility to the infection was highest in older age groups (>24 months age) followed by adult goat (12.1-24 months age) and kid (1-12 months age). The infection percentage in female is slightly high as compared to the male goats due to maintenance and production stress. Majority of the goats were suffering from mix infection of *Haemonchus* species, *Trichostrongylus* species, *Stongyloides* species, *Oesophagostomum* spp., amphistomes and *Fasciola* spp. with some cases of *Trichuris* spp., *Bunostomum* spp. and *Moniezia* spp. Ivermectin and Clorsulon was found to be most effective for the treatment of gastrointestinal nematode parasites as compared to Closantel and Fenbendazole.

Key words : Helminth, Parasites, Anthelmintic drugs

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