PREVALENCE AND CHEMOTHERAPY OF TRICHOSTRONGYLOIDS IN CAMELS IN CHARSADA KP, PAKISTAN

The prevalence of trichostrongyloids among camels in Charsada district was measured and trials were conducted to determine the efficacy of *Saussurea lappa, Fumaria parviflora* and Albendazole. 500 camels were examined, among which trichostrongyloids were observed in 175 (35%). *Haemonchos longisteps* was the most predominant specie with the prevalence of (52.57%), followed by *Trichostrongylus probolurus, Ostertagia Ostertagi, Dictyocaulus* and *Nematodirus dromedari* being 10.85%, 9.71%, 9.14% and 9.14% respectively. *Cooperia* was found to be the least prevalent 8.57% parasite. Young animals were found to be at higher risk of infection than adult animal. The efficacy of *Saussurea lappa* was 65.85%, *Fumaria parviflora* was 46.34, and albendazole were (66.66%) at one dose. Whereas the efficacy after the second dose was of *Saussurea lappa* (85.36%), *Fumaria parviflora* was (82.92 %), and albendazole were (97.4 3%). Making albendazole the most effective treatment against trichostrongyloids in camels.

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Keywords. Trichostrongyloids, prevalence, chemotherapy, camel.

Biography

Mr. Muhammad Qasim is a professional veterinarian. He obtained his D.V.M degree from Sindh Agriculture University Tandojam Sindh Pakistan, whereas postgraduate degree from University of Veterinary and Animal Sciences Lahore (UVAS) in Veterinary Parasitology. During his graduate and post-graduate studies he remained an active veterinarian and participated in various clinical cases. He has also learnt various parasitological Lab techniques such as thick smear and thin smear, flotation and sedimentation method, centrifugation (PCR, ELISA) and microscopic

identifications of important and prevalent ova of several parasite. He also pocess the abilty to conduct research work efficiently and smoothly. Moreover he is a good intellectual poccessing excellent communication skills. He is currently enrolled as PhD scholar in UVAS Lahore.