



A STUDY ON THE PREVALENCE OF NEMATODE HELMINTHESIS IN DOMESTIC FOWLS (*GALLUS GALLUS DOMESTICUS*) AT SLAUGHTER POINTS IN HADEJIA METROPOLIS, JIGAWA STATE, NIGERIA
M.S. Inuwa

Abstract

The study was conducted to estimate the prevalence of major nematodes of domestic fowls at slaughter points in Hadejia metropolis. The findings demonstrated the occurrences of *Strongyloides*, *Ascaris*, *Heterakis*, *Acuaria* and *Syngamus*. Out of the total of 200 domestic fowls examined, 182 (91.0%) were found positive for nematodes infection with *Strongyloides* sp. being the host prevalent (21.0%). Prevalence rates of infection recorded was 93.4% for males and 89.9% for females. Prevalence of (57.5%) was recorded for mixed infection and was higher than in single, and mixed infection prevalence (41.0%) was recorded and was more in females than in males. The score of *Strongyloides* sp. was found to be heavy. It was concluded that domestic fowls were commonly infected with nematodes in the study area and can serve as a source of nematodes, infections to intensively managed poultry in the study area.



Biography:

M.S. Inuwa has completed his D.V.M. at the age of 25 years from Islamic Azad University and Ph.D. studies from Shahid Bahonar University School of Medicine. He is the board-certified resident of veterinary surgery in referral hospital of Shahid Bahonar University of Kerman, Iran and is performing his thesis workouts. He has published more than 10 papers in reputed journals and has been serving as an editorial board member of repute.

Publications:

1. Evaluating the Mechanical Properties of Admixed Blended Cement Pastes and Estimating its Kinetics of Hydration by Different Techniques
2. Genetic Diversity Using Random Amplified Polymorphic DNA (RAPD) Analysis for *Aspergillus niger* isolates
3. Au-Ag-Cu nanoparticles alloys showed antifungal activity against the antibiotics-resistant *Candida albicans*
4. Induce mutations for Bavistin resistance in *Trichoderma harzianum* by UV-irradiation
5. Biliary Sludge. Analysis of a Clinical Case

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