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Epizootiology of Fasciolosis in sheep (*Ovis aries*) raising in geoclimatic setting of Poonch District of Azad Kashmir, Pakistan

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Fasciolosis is wide spread helminth parasitic disease of herbivores outcomes in economic losses in livestock appearing in the form of mortalities, infected livers, slow growth and reduction of milk, meat and wool production. This study was designed to find out the prevalence of ovine fasciolosis in and around Poonch District of Azad Kashmir, Pakistan. For this purpose, a total of 300 sheep of various age groups and of both genders were randomly selected. Faecal samples were collected rectally under hygienic conditions in a sterile bottle and processed through conventional sedimentation technique in the Laboratory of Parasitology, Department of Pathobiology, Faculty of Veterinary and Animal Sciences, The University of Poonch Rawalakot Azad Kashmir, Pakistan. Out of these, 101(33.6%) sheep were found positive for Fasciolosis through coprological examination. Results revealed that prevalence of fasciolosis was more 34.6% in ewe than 30.6% in ram. There was no significant difference ($P>0.05$) in prevalence of Fasciolosis based on gender of sheep. However, there was significant difference ($P<0.05$) in prevalence was found amongst sheep of different age groups. It was concluded that Fasciolosis is prevalent in sheep raised in different geoclimatic setting of Poonch district of Azad Jammu & Kashmir Pakistan and is continuous threat to the health and production of sheep needs proper control measures.

Biography

Asim Shamim has his expertise in identification of parasites particularly ticks and helminths and diagnosis of vector and vector borne diseases particularly ticks transmitted diseases. He is Currently working as Assistant Professor in the Department of Pathobiology Faculty of Veterinary and Animal Sciences, University of Poonch Rawalakot Azad Kashmir, Pakistan. He has around ten years of teaching and research experience in the subject of Parasitology (Veterinary) Presently three students are pursuing his/ her post graduate degree in the subject of parasitology under his mentorship. He has published around 20 research papers as principal and co-author related to parasitic diseases and epidemiology of parasites in impact factor and ISI indexed journals. He has attended conferences organized at national levels and presented their work as oral and poster presentation.

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