



## Study on Prevalence and Risk Factors of Ovine Fasciolosis on Shirka District, Arsi Zone, Eastern Ethiopia

**Atinafu Regasa\*, Betelhem Mesfin and Mustefa Adem**

Department of Parasitology, College of Veterinary Medicine, Samara University, Ethiopia

### Abstract

A cross sectional study was conducted to determine the prevalence and risk factors of ovine *fasciolosis* in and around Shirka Woreda, East Arsi, South East of Ethiopia from February 2021 to June 2021. Parasitological examination of fecal samples collected from 327 sheep by using sedimentation method. The samples from these animal examinations 140 were positive with an overall *fasciolosis* prevalence of 42.81%. The results demonstrated in three climatic conditions

\_\_\_\_\_

\_\_\_\_\_

### Disc sion

32  
fa,c . , , , 122 (3 .31%)  
, 205 (62.6 %)  
fa,c . , , (26.6%) 240  
( 3.4%) fa,c . , ,  
42. 1%. 1 , ( 0.05).  
4 . % 1  
20 4 .1% 56.3% 1 ,  
30. % 21 1 ,  
(23.3%)  
13.2% .5( ) 5 -0.0  
z  
22 1 ,  
fa,c .a,  
23 1 ,  
44.5 % 3 . 3%  
(  
2). 13 1 , ( 0.05)  
fa,c . , ,  
z  
fa,c .a  
fa,c .a 54.43%,  
33.33%  
( 0.05) ( 3). 13,24 1 ,  
25 .  
( 4),

