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RESEARCH ARTICLE.....

# The prevalence of ixodid ticks on buffaloes from eastern region of Lucknow, Uttar Pradesh

POONAM SINGH AND SUMAN MISHRA

**ABSTRACT.....** The present study was conducted to investigate the occurrence of ticks on buffalo. The survey was carried out between February 2016 to May 2016 at eastern region of Lucknow, Uttar Pradesh, India. The following genera of ticks belonging to the family ixodidae were recovered from buffaloes, *Hylomma* and *Rhipicephalus* (formerly *Boophilus*). A total of 300 buffaloes were examined out of which 160 were found infested with ticks. The overall prevalence of tick infestation in buffaloes was observed 53.33 per cent. Gender-wise prevalence of ticks showed that infestation was more prevalent in females (56.5%) as compared to male hosts (42.8%). Age-wise prevalence of ticks was also studied and it was observed that the highest prevalence of ticks was in adult (>3yrs) (23.7%) and lowest prevalence (45.7%) was recorded in young buffaloes (1-3yrs).

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**KEY WORDS.....** Prevalence, Age, Sex, Buffaloes, Ticks

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