

## FOOT DISORDERS OF GOATS (*CAPRA HIRCUS*) IN BIHAR, INDIA

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### ABSTRACT

*The Bihar, a state of India with 2<sup>nd</sup> largest goat (*Capra hircus*) population in the country contribute a substantial income to the poor people, but due to foot disorders the farmers face a great economic loss. To find out the types of disorder, limb affected, sex, age group, season etc, the study was carried out for 34 months in different places in the state. The results revealed that out of 2379 surveyed animals 479 (19.98%) were affected by various foot disorders. Highest incidences were of overgrown hooves(12.27%), followed by scissors claw (3.42%), interdigital lesions (1.71%), cracked hoof (1.00%) and other disorders includes swelling /wound at heel, congenital defects, traumatic injury, chronic laminitis, interdigital growth etc. Involvement of fore limb is more (8.17%) than the hind limb (5.01%) and both limb (6.80%). Statistical analysis revealed that there were significant ( $P<0.01$ ) differences among different sexes, age groups and seasons in affection of foot disorders in the goats. Males were less affected (14.46%) than females (22.95%). Adult goats (29.74%) were more susceptible than young animals (7.07%). Seasonal effect was more during monsoon (6.07%), followed by post- monsoon (5.93%), pre- monsoon (5.60%) and lowest was in winter months (2.38%). The foot disorders in goats may be prevented with better management practices like good nutrition, housing management and health care etc in time.*

**KEYWORDS:** Foot, Disorders, Goat (*Capra hircus*), Hoof, Season

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