

RESEARCH ARTICLE

## Comparative study on homoeopathic treatment of strongyloides nematodes of goats in Kanpur

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**ABSTRACT.....** The prevalence of strongyloidosis due to *Strongyloides papillosus* in goats in Kanpur region of Uttar Pradesh was studied and trial using arsenic 200 and cina 200 was conducted in goats tamed by the individual farmers during monsoon of the year 2012. Out of 80 examined goats aged above one year, 14 (17.5%) goats were found to be positive for *Strongyloides* nematodes and multiple infection of trematode and cestode was also observed based on the faecal examination. For observing the efficacy of drugs, goats were randomly divided into three groups A, B and C of 3 goat each. Arsenic 200 @ 20 pills and cina 200 @ 20 pills twice a day were given orally to each of the goats group A and B while the goats of group C were kept as untreated control. Efficacy was observed by calculating on zero to 14 days post treatment by faecal egg count reduction test. The result of homoeopathic treatment by using the drugs arsenic and cina indicated 96.55 per cent and 98.62 per cent efficacy, respectively. It was found that *Strongyloides papillosus* appeared to be extremely resistant to drugs of arsenic and cina. It can be suggested that arsenic and cina were proved to be a better effective control on *Strongyloides papillosus* in goats without producing any side effect.

**KEY WORDS.....***Strongyloides papillosus*, Arsenic, Cina, Goat

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