

Ethno-Veterinary Drug Therapy for Ear Mange in Sheep

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Abstract

Sheep from two flocks showed scab lesions around nostrils, eyes and on the face with facial alopecia and thickening of the skin. The case was confirmed as ear mite (*Psoropt ovis*) by microscopic examination of skin scrapings. Percent incidence in flock I and Flock II recorded was 12.5, 11.4 respectively. Affected sheep were divided into two groups each containing nine animals. Group I was treated with preparation containing 50ml Azadirachta indica oil, 50ml Pogamia pinnata oil, 25gm Camphor, 50gm Sulphur powder and 500ml coconut oil applied on an affected skin twice a day for 15 days and Group II treated with preparation having 50gm of Curcuma longa rhizome and 25gm of Azadirachta indica oil applied once a day for 15 days. The first preparation was found highly effective against ear mange in sheep. It was found to be very convenient for use in field conditions, did not cause any adverse reaction locally as well as systemically.

Keywords: Ethnoveterinary, Ear mange, Sheep, Drug, Therapy.