

Control of ectoparasites in goat with lotion made from custard apple seed

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Brief about innovation:



- A Bio-ectoparasite control lotion prepared by grinding 100 g of custard apple seeds (*Annona squamosa*) into a fine powder and thoroughly mixing in 200 ml of mustard oil. This potent concoction was gently applied over the body of goats affected by lice, ticks, or mites once weekly.

Specification/ utility:

- Within just 24 hours of application, significant reduction in ectoparasite population observed in goats appeared visibly calmer, less irritated, and itchiness subsided rapidly. The active compounds in custard apple seeds are known to interfere with insect eggs and larvae, reducing hatching rates and deterring adult infestation. Mustard oil, rich in allyl isothiocyanate and other bioactive components, offers antibacterial, anti-inflammatory, and antiparasitic effects, disrupting parasite activity and easing skin irritation

Photographs:

