

OKANAGAN NATION ALLIANCE DECEMBER 2025

# Psoroptic Mange Clinical Trial

Clinical Trial Underway

The ONA has undertaken numerous initiatives to monitor and protect the bighorn sheep herds in the territory from disease outbreaks and is working to improve habitat connectivity.

The ONA is currently monitoring and managing diseases found within yilikʷlxkn (Bighorn Sheep), including Psoroptic Mange; a disease caused by mites, leading to skin issues and increased vulnerability to predators. The information provided by this trial will form the foundation of future disease treatment initiatives. This research aims to provide wildlife managers with effective treatment options and information on the period of protection that animals could have before the first animals become susceptible to re-infestation from untreated herd mates.

A previous trial found that a drug called Fluralaner could effectively clear Psoroptic mange infestations, while Moxidectin works in domestic sheep but needs testing in wildlife. The current trial aims to assess the effectiveness of Fluralaner, Moxidectin, or their combination in clearing infestations and preventing re-infestation, which is crucial for the recovery of affected yilikʷlxkn populations.

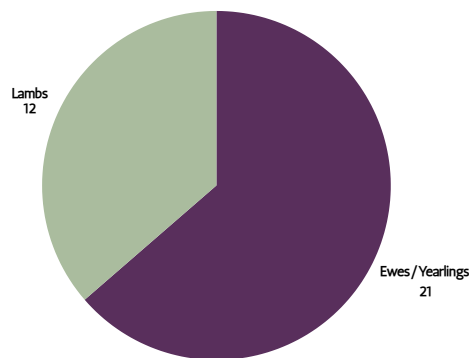
The next Psoroptic mange treatment evaluation will take place on January 9 and 10, 2026, focusing on drug treatment effectiveness and protection against re-infestation. Animals will be handled in accordance with best practices, using measures such as blindfolding and gentle hobbles to reduce stress.

Monthly monitoring will continue until enough data is collected, contributing to future yilikʷlxkn health treatments and management plans for Psoroptic mange in the region.

## For More Information Contact:

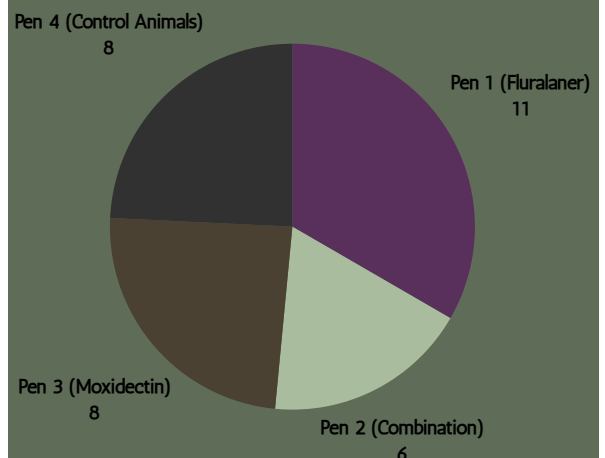
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Treatment Summary by Sex/Age



Clinical trial drugs were administered to 28 of 37 yilikʷlxkn:

Treatment Summary by Pen



\*yilikʷlxkn that did not receive treatment will once the trial is complete

## PSOROPTES TREATMENT TRIAL PROJECT PARTNERS:

