

Summary of the MSc thesis No., Faculty of Veterinary Medicine, Urmia University.

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Author:

Title: Gastrointestinal parasitic infection of imported and native goats of Urmia city based on fecal testing

Summary:

Worm parasitic infections of sheep and goats in Iran and other parts of the world. Parasitic infections, in addition to endangering the health of goats, cause great economic damage to small ruminants around the world. Due to the official import or smuggling of Sunan goats from neighboring countries and keeping them together with native goats, it is important to study the worm parasites of the gastrointestinal tract of these goats in order to plan treatment for them. Parasitic infections, in addition to endangering the health of goats, cause great economic damage to small ruminants around the world. Due to the importance of goat breeding in this region, a comprehensive study on this issue has not been conducted in northwestern Iran. The aim of this study was to investigate the infection with gastrointestinal parasites in native and imported goats in West Azerbaijan province and to compare the rate of infection in the two groups of native and Sunan goats. Sampling of 8 native goats and 8 imported goats from each farm was done from a total of 5 different farms. The samples were evaluated by flotation, sedimentation and McMaster methods. A significant threshold of $P < 0.05$ was used to decide on these experiments. Statistical analysis was performed with IBM SPSS 20® statistical software package. In general, there is no significant difference between the values of Nematodirus and Nematode between the native and Sunan breeds.

Key words: Gastrointestinal parasitic infection- Imported and native goats- Stool test