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The Norwegian Healthier Goats project

The aim is to eradicate CAE, CLA and Johne's Disease from the Norwegian goat population

A health survey in 2000 showed high prevalence of Caprine arthritis encephalitis (CAE), Caseous lymphadenitis (CLA), and respiratory diseases. Johne's Disease was enzootic in parts of southern Norway, and vaccination has been compulsory in these areas to avoid clinical outbreaks. Johne's Disease and CAE are notifiable diseases. "Healthier Goats" was started in 2001.

Educational programs on Biosecurity

A variety of educational efforts for farmers, advisors and veterinarians are carried out to motivate participants and build knowledge in "every day biosecurity".

The eradication principles "Snatching" kids; Kids are taken from birth channel and moved from the infected barn immediately, housed in a clean barn, given cow colostrum and raised on milk replacer, water, concentrate and hay. Adult goats are slaughtered at the end of the lactating period. Thereafter, the barn and near surroundings are cleaned and disinfected. Healthy goats are then moved back to the barn to start their first lactation. The sanitized flocks are monitored for 5 years by clinical observation and antibody detection in serum and bulk tank milk.

Results

Test results verify that farmers manage to do the sanitation process (snatching) and to follow the projects procedures very accurate. Test positive animals in sanitized flocks are slaughtered. Out of 602 sanitized flocks; 3 CAE reinfections, 1 Johne's Disease reinfection and 8 CLA reinfections have been observed. Re-infected flocks are carefully monitored and test positive animals are slaughtered. During 2012 and 2013 there were no new outbreaks of those diseases in sanitized flocks.

By the end of 2014 all goat milk processed by TINE Norwegian Dairies will come from sanitized flocks.