

STUDY ON SOME EPIDIOLOGICAL CHARACTERISTICS OF ROUNDWORMS IN PIGS SELLING GRAZING IN 3 DISTRICTS OF LAO CAI PROVINCE

Le Minh, Nguyen Hong Cham

Summary

Through survey in three upland districts of Lao Cai province, we found that the households have not implemented well measures to prevent helminths for pigs, the rate applied is only 2.54 - 3.67%. There were four species of parasitic nematodes in the gastrointestinal tract: *Ascaris suum*, *Strongyloides ransomi*, *Trichocephalus suis* và *Oesophagostomum dentatum*. Fifty samples of faeces showed 64.21% of pigs infected with 4 species of roundworms with mild to severe intensity, mainly infected in mild and moderate intensity. In three districts of Lao Cai province, Bat Xat district has the highest incidence and intensity of infection in the gastrointestinal tract (76.00%), followed by Bao Thang (70.67%) and Sa Pa (44.00%). Pigs in stage 2 – 4 months have the highest rate of intestinal nematode infection with the highest rate. Pigs in the summer had the highest infection rate (75.60%) and lowest in the winter (49.00%).

Key words: pigs, roundworm, species, districts, season, age.