Anticoccidial effect of *Tanacetum vulgare* extract lyophilizate in naturally infected lambs with Eimeria spp.

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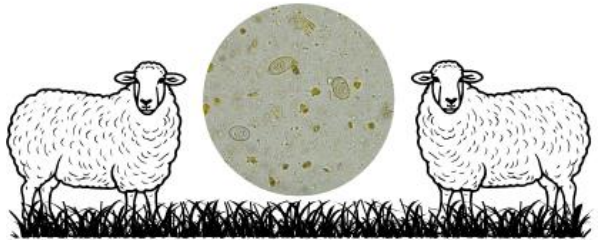
Eimeriosis is one of the common parasitosis in young animals, especially lambs. It causes significant economic losses in sheep farming. In addition, the resistance of various drug groups, including anticoccidial drugs, is relevant nowadays.

One of the another anticoccidial control strategy could be phytotherapy.

The aim of the study is to find out the anticoccidial effect of T.vulgare extract lyophilizate in lambs.



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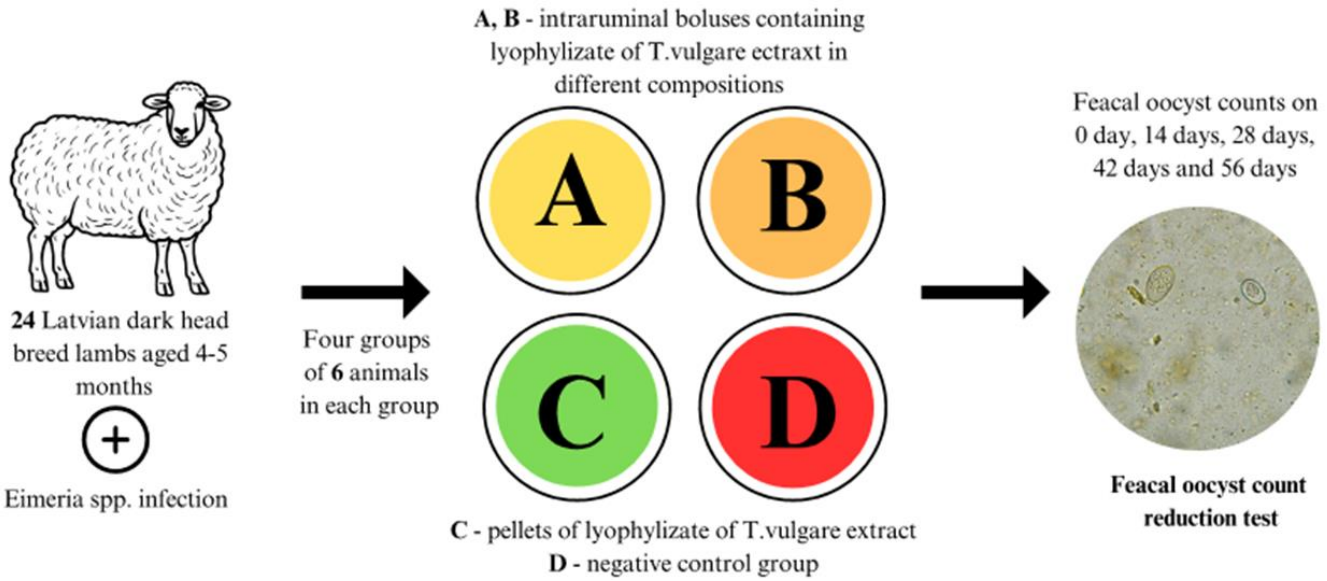

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- The intraruminal bolus groups had stronger anticoccidial effect than the pallets group. The mean feacal oocyst reduction on 56 days were 85% (group A), 92% (group B), 72% (group C). On the other hand, the strongest efficiency was in group B, whose results are equivalent to the negative control group (93%).

The obtained results show that T.vulgare extract has no pronounced anticoccidial effect and it would be necessary to investigate the effect of the others factors on Eimeria spp. in this study.