



KEY WORDS

- ✓ Fattening performance
- ✓ Lamb fattening
- ✓ Starch level
- ✓ Protein sources
- ✓ Forage source

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THE EFFECTS OF DIFFERENT LAMB FEEDING METHODS ON LAMB DEVELOPMENT, HEALTH, GROWTH, BLOOD AND RUMEN PARAMETERS

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THESIS ABSTRACT

This study was conducted as three independent experiments to determine the effects of different starch levels, protein and roughage sources, and roughage feeding methods on performance, rumen fermentation and metabolic parameters in Merino male feedlot lambs (n=100).

APPLICATION AREAS OF THE THESIS RESULTS

The findings obtained from our thesis provide implications that can be directly applied to ration formulation in the intensive fattening of Merino male feedlot lambs.

ACADEMIC ACTIVITIES

1. Erçetin, E., & Türkmen, İ. İ. (2025). Effects of different protein sources used in concentrate feed on lamb development, growth, blood and rumen parameters. In Ö. Gülaydın, & S. Seydoşoğlu (Eds.), 9th International Cukurova Agriculture and Veterinary Congress proceedings book (pp. 144-145). Liberty Academic Publishers.
2. Cetin, I., Cetin, E., Karakci, D., & Erçetin, E. (2025). Thyme essential oil supplementation in growing Merino lambs: Effects on growth performance, blood metabolites, and fecal microbiology. *Animal Science Journal*, 96(1), e70051. <https://doi.org/10.1111/asj.70051>