

学位論文発表会

耕作放棄地におけるヤギ肉生産に関する研究

However, these meat quality parameters are affected by several factors including production system and season. The variations brought about by season propose for further research to understand how botanical quality and quantity in the field changes with varying season and how these changes affect growth and meat quality of goats. Consequently, this study hypothesized that grazing in abandoned farmland may be suitable for production of goat meat which is enriched with functional compounds from diverse field plants. Additionally, one of functional compounds, phytol may have some effects on growth and nutrient metabolism in young goats.

Chlorophyll

Phytol

Dihydrophytol

Phytanic acid

Phytol group

Pristanic acid

Bacterial action in the rumen of goats

Absorption

α -Oxidation in the tissue



Location: School of Applied Biological Science, room C203
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