

**PENGARUH PEMBERIAN PASTA JAHE (*Zingiber officinale*
var. *Amarum*) DENGAN DOSIS BERBEDA TERHADAP
KUALITAS KIMIA DAGING KAMBING**

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INTISARI^{*)}

Penelitian ini bertujuan untuk mengetahui pengaruh pemberian dosis pasta jahe (*Zingiber officinale* var. *Amarum*) dengan dosis berbeda terhadap kualitas kimia daging kambing Kacang. Penelitian ini dilakukan pada 30 Oktober - 16 Desember 2020 di Laboratorium Nutrisi Program Studi Peternakan, Fakultas Agroindustri, Universitas Mercu Buana Yogyakarta. Rancangan yang digunakan dalam penelitian ini adalah Rancangan Acak Lengkap (RAL) pola searah yang terdiri atas 3 perlakuan yaitu pemberian pasta jahe pada daging kambing Kacang umur 1 tahun jenis kelamin betina dengan dosis 0%, 10%, dan 20% dengan masing-masing perlakuan dilakukan 3 kali ulangan. Data yang diperoleh dianalisis menggunakan analisis *Analysis of Variance* (ANOVA). Variabel yang diamati pada penelitian ini yaitu kualitas kimia berupa kadar air, kadar abu, kadar protein kasar dan kadar lemak kasar daging kambing. Hasil penelitian dengan perlakuan dosis pasta jahe 0%, 10%, 20% secara berturut-turut yaitu kadar air 79,21%, 79,52%, 79,63%, kadar abu 1,05%, 1,10%, 1,15%, kadar protein kasar 20,82%, 21,65%, 21,81%, dan kadar lemak kasar 1,52%, 1,24%, 1,23%. Variabel yang diamati pada penelitian ini yaitu kualitas kimia berupa kadar air, kadar abu, kadar protein kasar dan kadar lemak kasar daging kambing. Hasil dari uji ANOVA semua perlakuan memberikan perbedaan yang tidak nyata ($P > 0,05$). Disimpulkan bahwa pemberian pasta jahe 0% - 20% tidak berpengaruh nyata terhadap kualitas kimia daging kambing Kacang.

Kata kunci : Jahe_emprit, daging_kambing_Kacang, dosis_jahe, kualitas_kimia.

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**THE EFFECT OF GINGER (*Zingiber officinale* var. *Amarum*) PASTE
WITH DIFFERENT DOSES ON THE CHEMICAL
QUALITY OF GOAT MEAT**

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ABSTRACT^{*)}

This study aims to determine the effect of ginger (*Zingiber officinale* var. *Amarum*) paste with different doses on the chemical quality of Kacang goat meat. This research was conducted on 30 October - 16 December 2020 at the Nutrition Laboratory of the Animal Husbandry Study Program, Faculty of Agroindustry, Mercu Buana University Yogyakarta. The design used in this study was a unidirectional completely randomized design (CRD) consisting of 3 treatments, namely giving ginger paste to Kacang goat meat 1 year old Beans, female sex with a dose of 0%, 10%, and 20% with each treatment done 3 times. The data obtained were analyzed using the *Analysis of Variance* (ANOVA). The variables observed in this study were chemical quality in the form of moisture content, ash content, crude protein content and crude fat content of Kacang goat meat. The results of the study with the treatment of ginger paste doses of 0%, 10%, 20% respectively, namely water content of 79.21%, 79.52%, 79.63%, ash content of 1.05%, 1.10%, 1.15%, crude protein content of 20.82%, 21.65%, 21.81%, and crude fat content of 1.52%, 1.24%, 1.23%. The variables observed in this study were chemical quality in the form of moisture content, ash content, crude protein content and crude fat content of goat meat. The results of the ANOVA test for all treatments provided no significant difference ($P>0.05$). It was concluded that giving 0% - 20% ginger paste had no significant effect on the chemical quality of the Kacang goat meat.

Key words: Ginger_emprit, Kacang_goat_meat, ginger_doses, chemical_quality.

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