

PENGARUH SUPLEMENTASI TEPUNG ADAS DAN KUNYIT TERHADAP KUALITAS FISIK DAGING AYAM KUB

ALVIA NURFADILA
NIM. 210220069

INTISARI*)

Penelitian ini bertujuan untuk mengetahui pengaruh suplementasi tepung adas dan kunyit sebagai *feed additif* terhadap kualitas fisik daging ayam KUB umur 10 minggu. Penelitian ini dilaksanakan pada tanggal 3 Juli – 6 September 2023 di Unit Pelaksana Teknis Teaching Farm dan Laboratorium Nutrisi Ternak dan Teknologi Hasil Ternak, Program Studi Peternakan, Fakultas Agroindustri, Universitas Mercu Buana Yogyakarta. Materi yang digunakan dalam penelitian ini adalah 72 ekor ayam KUB dan sampel daging yang digunakan adalah daging bagian dada (*Pectoralis superficialis*). Rancangan percobaan yang digunakan adalah Rancangan Acak Lengkap pola searah dengan 4 perlakuan dan 3 ulangan. Perlakuan yang diberikan adalah P1 (Ransum basal + TA 0 g/kg + TK 0 g/kg), P2 (Ransum basal + TA 0,25 g/kg + TK 0,25 g/kg), P3 (Ransum basal + TA 5 g/kg + TK 5 g/kg), P4 (Ransum basal + TA 7,5 g/kg + TK 7,5 g/kg). Variabel yang diteliti meliputi pH, susut masak dan keempukan daging. Data yang diperoleh dianalisis dengan menggunakan *analysis of variance* (ANOVA). Hasil penelitian menunjukkan nilai pH P1: (5,7), P2: (5,7), P3: (5,7) dan P4: (5,8). Susut masak P1: (19,83%), P2: (27,17%), P3: (25,69%) dan P4: (29,69%). Keempukan P1: (0,842 g/cm²), P2: (0,933 g/cm²), P3: (0,889 g/cm²) dan P4: (0,765g/cm²). Berdasarkan hasil penelitian dapat disimpulkan bahwa pemberian tepung adas dan kunyit sebagai *feed additif* sampai level 7,5 g/kg tepung adas dan 7,5 g/kg tepung kunyit tidak berpengaruh terhadap kualitas fisik daging ayam KUB umur 10 minggu.

Kata kunci : Ayam KUB, adas, kunyit, kualitas fisik

*) Intisari Skripsi Sarjana Peternakan, Program Studi Peternakan, Fakultas Agroindustri, Universitas Mercu Buana Yogyakarta, 2024.

THE EFFECT OF FENNEL AND TURMERIC MEAL SUPPLEMENTATION ON MEAT PHYSICAL QUALITY OF KUB CHICKEN

ALVIA NURFADILA
NIM. 210220069

ABSTRACT*)

This research aims to determine the effect of giving fennel flour and turmeric as feed additives on the physical quality of meat of 10 week old KUB chickens. This research was carried out on 3 July – 6 September 2023 at the Teaching Farm Technical Implementation Unit and the Animal Nutrition and Animal Products Technology Laboratory, Animal Husbandry Study Program, Faculty of Agroindustry, Mercu Buana University Yogyakarta. The material used in this research was 72 KUB chickens and the meat sample used was breast meat (*Pectoralis superficialis*). The experimental design used was a unidirectional completely randomized design with 4 treatments and 3 repetitions. The treatments given were P1 (Basal ration + TA 0 g/kg + TK 0 g/kg), P2 (Basal ration + TA 0.25 g/kg + TK 0.25 g/kg), P3 (Basal ration + TA 5 g/kg + TK 5 g/kg), P4 (Basal ration + TA 7.5 g/kg + TK 7.5 g/kg). The variables studied include pH, water holding capacity, cooking loss and meat tenderness. The data obtained were analyzed using analysis of variance (ANOVA). The research results showed the pH values P1: (5.7), P2: (5.7), P3: (5.7) and P4: (5.8). Cooking loss P1: (19.83%), P2: (27.17%), P3: (25.69%) and P4: (29.69%). Tenderness P1: (0.842 g/cm²), P2: (0.933 g/cm²), P3: (0.889 g/cm²) and P4: (0.765g/cm²). Based on the research results, it can be concluded that giving fennel flour and turmeric as feed additives up to a level of 7.5 g/kg fennel flour and 7.5 g/kg turmeric flour has no effect on the physical quality of meat of 10 week old KUB chickens.

Keywords : KUB chicken , fennel, turmeric, physical quality

*) Abstract Thesis of S1 Animal Husbandry, Faculty of Agroindustry, University of Mercu Buana Yogyakarta, 2024.