

ABSTRAK

TEGUH MUHAMMAD KAFFAH A.1710484. Pengaruh Pemberian Tepung Daun Indigofera (*Indigofera tinctoria*) sebagai pengganti bungkil dalam ransum terhadap kandungan nutrisi daging ayam Kampung Unggul Balitnak (KUB). Dibimbing oleh Deden Sudrajat dan Burhanudin Malik.

Bungkil kedelai merupakan salah satu bahan pakan utama yang digunakan dalam ransum komersial saat ini. Sebagian kacang kedelai masih diimport sehingga harganya relatif mahal. Tepung daun indigofera yang memiliki kandungan nutrisi yang baik dan harga relatif murah merupakan bahan pakan yang potensial digunakan sebagai pengganti bungkil kedelai. Penelitian ini bertujuan untuk menguji kandungan nutrisi daging ayam Kampung Unggul Balitnak yang diberi tepung daun indigofera sebagai pengganti bungkil kedelai. Penelitian dilaksanakan pada 1 April-15 Juni 2021 di Kampung Nambo Peuntas, Desa Suka Jaya, Kecamatan Taman Sari, Kabupaten Bogor, Jawa Barat. Ternak yang digunakan pada penelitian ini adalah 100 ekor DOC ayam KUB *unsexed*. Penelitian ini menggunakan rancangan acak lengkap (RAL) dengan 5 perlakuan dan 4 ulangan. Perlakuan terdiri atas penggantian bungkil kedelai dengan tepung daun indigofera dalam ransum sebanyak 0% (R0, kontrol) 25% (R1), 50% (R2), 75% (R3), dan 100% (R4) Data dianalisis dengan menggunakan analisis ragam (ANOVA) dan uji *Duncan*. Peubah yang diamati meliputi persentase kandungan protein, lemak, air, dan abu dalam daging ayam. Hasil penelitian menunjukkan bahwa penggantian bungkil kedelai dengan tepung daun indigofera dapat mempertahankan kandungan nutrisi daging ayam KUB.

Kata kunci : Ayam KUB, kandungan nutrisi, tepung daun indigofera, daging ayam.

ABSTRACT

TEGUH MUHAMMAD KAFFAH. A.1710484. Effects of the Use of Indigofera Leaf Meal (*Indigofera tinctoria*) as a Substitute for Soybean Cake Meal in Ration on Meat Nutrient Contents of KUB Chicken. Under immediate supervision of Deden Sudrajat and Burhanudin Malik.

Soybean cake meal is one of the main feeds used in poultry commercial rations. This feed is relatively expensive as most of it is still imported. Indigofera leaf meal (ILM), with its good nutrient content and relatively low cost, is a potential feed to be used as a substitute for soybean cake meal. This study was aimed at assessing meat nutrient contents of KUB chickens fed ration containing ILM used as a substitute for soybean cake meal. The study was conducted in Nambo Peuntas, Sukajaya Village, Taman Sari District, Bogor Regency, West Java from 1 April to 15 June 2021. One-hundred unsexed one-day old KUB chickens were allocated into 5 treatments and 4 replicates in a completely randomized design. Treatments consisted of the substitution of soybean cake meal with ILM by 0% (R0, control), 25% (R1), 50% (R2), 75% (R3), and 100% (R4). Measurements were taken on meat protein, fat, water, and ash contents. Data were subjected to an analysis of variance and a Duncan test. Results showed that the substitution of soybean cake meal with ILM could maintain meat nutrient contents of KUB chickens.

Key words: KUB chicken, nutrient content, Indigofera leaf meal, chicken meat.