ABSTRACT

IRPAN KUSNADI. A.1711371. The Percentage of Boneless Breast and Thigh Meat of Balitnak (KUB) Chickens Fed Ration Containing Star Gooseberry (*Sauropus androgynus*) Leaf Meal. Under immediate supervision of Ristika Handarini and Jatmiko.

Meat proportion of local chickens is than that of broiler chickens. Providing feed additives to local chickens is a way which can be done to improve their meat percentage. Star gooseberry leaves are rich in active substances with antibacterial property and beta carotene which enhances carcass color. KUB chicken is a local chicken with faster growth rate. This study was aimed at assessing the effects of the inclusion of star gooseberry leaf meal (SGLM) in ration on the percentages of boneless breast and thigh meat of KUB chickens. The study was conducted from 31 October to 27 December 2020 in Nambo Cipeuntas, Taman Sari Village, Ciapus District, Bogor Regency, West Java Province. Ninety-six unsexed KUB chickens aged 7 days were evenly allocated into 16 cages sized 60 cm × 57 cm × 70 cm each. The chickens were obtained from Charlim Farm, Bogor. Basal ration was formulated from corn meal, rice bran, soybean cake, fishmeal, premix, dicalcium phosphate (DCP), and cooking oil. A completely randomized design with 4 treatments and 4 replicates was used. Treatments consisted of 0% SGLM inclusion in ration (R0), 1% SGLM inclusion in ration (R1), 2% SGLM inclusion in ration (R2), and 3% SGLM inclusion in ration (R3). Data were subjected to an analysis of variance and a Duncan test. Results showed that the inclusion of SGLM in ration gave significant effects ($P<0.05$) on the percentages of boneless breast, boneless thigh, breastbone, thigh skin, and breast meat and bone ratio but not ($P>0.05$) on the percentages of breast, thigh, thigh bone, breast skin, and thigh meat and bone ratio.

Key words : *KUB chicken, star gooseberry leaf meal, carcass cuts, boneless, bone, skin, meat and bone ratio.*

ABSTRAK

IRPAN KUSNADI. A.1711371. Persentase Boneless Dada dan Paha Ayam Kampung Unggul Balitnak (KUB) yang Diberi Tepung Daun Katuk (*Sauropus androgynus*) dalam Ransum. Dibimbing oleh Ristika Handarini dan Jatmiko.

Daging ayam kampung cukup kecil dibandingkan dengan ayam ras. Cara untuk meningkatkan persentase daging ayam kampung dengan memberikan *feed additive.* Katuk (*Sauropus androgynus*) merupakan tanaman yang mempunyai zat gizi tinggi, sebagai anti bakteri, dan mengandung beta karoten sebagai zat aktif warna karkas. Ayam KUB memiliki keunggulan pertumbuhan yang cepat. Penelitian bertujuan untuk mengetahui pengaruh tepung daun katuk pada pertumbuhan ayam KUB dapat dilihat dari pertumbuhan bobot potongan karkas dada dan paha, *boneless*, tulang, kulit dan rasio daging tulang. Ayam KUB *unsexed* umur 7 hari diproduksi oleh Charlim Farm sebanyak 96 ekor. Kandang jenis postal sebanyak 16 sekat dengan ukuran 60×57×70 cm. Ransum *self mixing* tersusun dari tepung jagung kuning, dedak halus, bungkil kedelai, tepung ikan, *premix*, *dicalcium phosphate* (DCP), minyak sayur dan tepung daun katuk. Pemberian minum secara *ad libitum.* Penelitian mulai tanggal 31 Oktober – 27 Desember 2020, di Kampung Nambo Cipeuntas, Desa Taman Sari, Kecamatan Ciapus, Kabupaten Bogor, Jawa Barat. Rancangan Acak Lengkap (RAL) dengan 4 perlakuan dan 4 ulangan. Analisis data menggunakan ANOVA dan uji lanjut Duncan. R0 = tanpa pemberian tepung daun katuk dalam ransum, R1 = pemberian 1% tepung daun katuk dalam ransum, R2 = pemberian 2% tepung daun katuk dalam ransum, R3 = pemberian 3% tepung daun katuk dalam ransum. Hasil analisis ragam pemberian tepung daun katuk dalam ransum memberikan pengaruh nyata ($P<0,05$) terhadap persentase *boneless* dada dan paha, persentase tulang dada, persentase kulit paha dan rasio daging tulang dada namun tidak memberikan pengaruh nyata ($P>0,05$) terhadap persentase dada, persentase paha, persentase tulang paha, persentase kulit dada dan rasio daging tulang paha.

Kata Kunci : *ayam KUB, tepung daun katuk, ransum, potongan karkas, boneless, tulang, kulit, rasio daging tulang.*