

ABSTRAK

Penelitian ini bertujuan untuk mengetahui pengaruh dan dosis pemberian larutan herbal jahe, kunyit, dan bawang putih (JKBP) dalam air minum terhadap pertambahan bobot badan, efisiensi ransum, dan *Income Over Feed Cost* (IOFC) pada ayam Kampung Super yang terbaik. Larutan herbal JKBP dibuat dengan cara menghancurkan jahe, kunyit, bawang putih dengan menggunakan *juice extractor* kemudian dicampur dengan air. Perbandingan antara jahe, kunyit, bawang putih, dan air yaitu 1:1:1:1. Penelitian ini dilakukan di Test Farm Fakultas Peternakan Universitas Padjadjaran selama 10 minggu dimulai pada bulan Mei tahun 2023. Ayam Kampung Super yang dipelihara sebanyak 80 ekor. Koefisien variasi berat DOC ayam Kampung Super yaitu 8,23% dengan bobot rata rata 35,5 g. Penelitian dilakukan secara eksperimental dengan rancangan acak lengkap (RAL) dengan 4 perlakuan dan 5 ulangan sehingga terdapat 20 unit percobaan. Perlakuan percobaan yaitu P0 (air minum tanpa diberi larutan JKBP), P1 (air minum diberi larutan JKBP 0,5%), P2 (air minum diberi larutan JKBP 1,0%), dan P3 (air minum diberi larutan JKBP 1,5%). Data yang diperoleh kemudian dianalisis menggunakan sidik ragam ANOVA untuk mengetahui pengaruh perlakuan, kemudian dilakukan uji lanjut Duncan untuk mengetahui perbedaan antar perlakuan yang diuji. Parameter yang diamati adalah pertambahan bobot badan, efisiensi ransum, dan *income over feed cost*. Hasil penelitian menunjukkan bahwa pemberian larutan herbal JKBP dalam air minum ayam Kampung Super berpengaruh terhadap pertambahan bobot badan, efisiensi ransum, dan *Income Over Feed Cost*. Pemberian larutan herbal JKBP dalam air minum sebanyak 1% memberikan hasil pertambahan bobot badan, efisiensi ransum, dan *Income Over Feed Cost* ayam Kampung Super yang terbaik.

Kata kunci : Ayam Kampung Super, Larutan Herbal JKBP, Pertambahan Bobot Badan, Efisiensi Ransum, dan *Income Over Feed Cost*

ABSTRACT

This study aims to determine the effect and dosage of ginger, turmeric, and garlic herbal solution (JKBP) in drinking water on body weight gain, ration efficiency, and Income Over Feed Cost (IOFC) in the best Kampung Super Chickens. The JKBP herbal solution is made by crushing ginger, turmeric, garlic using a juice extractor and then mixing it with water. The ratio between ginger, turmeric, garlic and water is 1:1:1:1. This research was conducted at the Test Farm, Faculty of Animal Husbandry, Padjadjaran University for 10 weeks starting in May 2023. As many as 80 Kampung Super Chickens were kept. The coefficient of variation in DOC weight of Kampung Super Chicken is 8.23% with an average weight of 35.5 g. The study was conducted experimentally with a completely randomized design (CRD) with 4 treatments and 5 replications so that there were 20 experimental units. The experimental treatments were P0 (drinking water without JKBP solution), P1 (drinking water with 0.5% JKBP solution), P2 (drinking water with 1.0% JKBP solution), and P3 (drinking water with 1.5% JKBP solution %). The data obtained will then be analyzed using ANOVA analysis of variance to determine the effect of the treatment, then Duncan's further test is carried out to determine the differences between the treatments tested. Parameters observed were body weight gain, ration efficiency, and income over feed cost. The results showed that the administration of JKBP herbal solution in the drinking water of Kampung Super Chickens had an effect on body weight gain, ration efficiency, and Income Over Feed Cost. Giving JKBP herbal solution in drinking water as much as 1% gave the best results in body weight gain, ration efficiency, and Income Over Feed Cost of Kampung Super Chickens.

Keywords : Kampung Super Chicken, JKBP Herbal Solution, Body Weight Gain, Feed Efficiency, and Income Over Feed Cost