

ABSTRAK

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“INOVASI PAKAN TAMBAHAN AYAM BROILER DARI KULIT KOPI SECARA AMONIASI”

xiii+ 91 Halaman+ 7 Gambar+ 18 Tabel

Limbah kulit kopi adalah hasil perkebunan kopi Kabupaten Way Kanan Provinsi Lampung meningkat dapat menyebabkan terjadinya pencemaran lingkungan. Upaya mengurangi pencemaran lingkungan dari kulit kopi dapat diolah untuk pakan tambahan ayam broiler. Penelitian ini bertujuan mengetahui pengaruh pemberian limbah kulit kopi amoniasi sebagai pakan tambahan terhadap penambahan bobot ayam broiler.

Jenis penelitian ini adalah eksperimen murni menggunakan desain eksperimen pretest-posttes with control group design. Terdiri atas 3 perlakuan dengan variasi pakan tambahan kulit kopi amoniasi meliputi : 0%, 5%, 10%, dan 15%. Kelompok kontrol menggunakan pakan komersil (100%) tanpa pakan tambahan kulit kopi. Faktor yang diukur selama 3 minggu. Data hasil pengamatan dianalisis dengan uji statistik menggunakan uji t test dan One Way Anova.

Hasil penelitian menunjukkan terdapat perbedaan signifikan pakan tambahan kulit kopi terhadap penambahan bobot ayam broiler. Untuk mencari pasangan kelompok berbeda maka dianalisis menggunakan uji paired T-test, diperoleh adanya pengaruh pada perbedaan bobot ayam broiler, dilanjutkan dengan uji BNT untuk kelompok yang paling efektif diperoleh hasil variasi konsentrasi 10% dalam pertambahan bobot ayam broiler paling efektif dari perlakuan lainnya.

Dapat disimpulkan bahwa pakan tambahan kulit kopi 10% berpengaruh dalam penambahan bobot ayam broiler. Selain itu, disarankan kepada petani untuk memanfaatkan kembali limbah kulit kopi sebagai pakan ternak.

Kata Kunci : Kulit Kopi, Amoniasi, Pakan Ayam Broiler.

ABSTRACT

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"AMMONIATED CHICKEN FOOD INNOVATION FROM COFFEE WASTED"

xiii + 91 Pages + 7 Figure + 18 Table

Coffee husk waste is growing in coffee plantations, and if not handled, it would pollute the environment. Coffee husks can be processed as extra feed for broiler chicks, which helps to reduce pollution. This study aimed to see how adding amniotic coffee husk waste as a supplementary feed affects broiler chicken weight gain.

This sort of study is a pure experiment with a pretest-posttest design and a control group design. Contains four extra feeding treatments for amniotic skin of coffee, each with a different amount of supplemental feed: 0%, 5%, 10%, and 15%. The control group received 100% commercial feed with no added coffee husk feed. The factors were tracked for three weeks. The results of observational data were analytic.

The results of the study showed that there was a significant difference regarding the additional feed of coffee husk on the addition of broiler chicken weight. To find pairs of different groups, then analyzed using the paired T-test, it was found that there was an effect on the difference in weight of broiler chickens, followed by the BNT test to find the most effective group so that the results of the 10% concentration variation treatment showed higher broiler body weight gain. compared to the control treatment, the concentration variation was 5%, the concentration variation was 10% and the concentration variation was 15%.

It may be determined that the weight increase of broiler chickens was affected by the output of coffee husk supplemented feed. Farmers should also make coffee plantation trash, particularly coffee husks, and use them as extra feed of coffee for animals.

Keywords: Coffee Waste, Ammonia, Broiler, Chicken Feed