

POTENSI KOMBINASI RAMUAN HERBAL SEBAGAI PENGGANTI AGP (*Antibiotic Growth Promotor*) TERHADAP PERFORMA BROILER

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Ringkasan

Kebutuhan daging broiler di masyarakat semakin meningkat setiap tahun. Pemanfaatan ayam broiler menyimpan resiko karena penggunaan antibiotic. Alternative penggunaan (*Antibiotic Growth Promotor*) AGP dengan menggunakan ramuan herbal. Penelitian ini bertujuan untuk menganalisa potensi kombinasi ramuan herbal temulawak, jintan hitam, dan kulit manggis sebagai pengganti AGP terhadap performa broiler. Penelitian dilakukan di Kandang Jurusan Peternakan, Politeknik Negeri Lampung. Penelitian dimulai bulan Januari sampai Februari 2023. Penelitian dilakukan untuk menentukan produktivitas, persentase karkas dan IOFCC menggunakan ramuan herbal melalui air minum dengan penambahan temulawak, kulit manggis, dan jintan hitam. Penelitian dilakukan Uji Perbandingan ayam broiler strain MB202 diletakkan secara acak kedalam 2 kotak. Perlakuan pertama kontrol tanpa perlakuan. Perlakuan 2 ramuan herbal (Temulawak 250 mg + jintan hitam 125 mg + kulit manggis 125 mg). Parameter yang diukur adalah konsumsi ransum, pertambahan bobot tubuh, konversi ransum, persentase karkas, IOFCC. Hasil penelitian menunjukkan bahwa penambahan ramuan herbal temulawak 250 mg + jintan hitam 125 mg + kulit manggis 125 mg kedalam air minum dapat memberikan respon positive terhadap performa broiler dan IOFCC.

Kata kunci: Broiler, Herbal, Performa

**POTENTIAL COMBINATION OF HERBAL HERBS AS A SUBSTITUTE FOR AGP
(Antibiotic Growth Promoter) ON BROILER PERFORMANCE**

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ABSTRACT

The need for broiler meat in society is increasing every year. The use of broiler chickens carries risks due to the use of antibiotics. Alternative use (Antibiotic Growth Promoter) AGP using herbal ingredients. This study aims to analyze the potential of a combination of the herbal ingredients ginger, black cumin, and mangosteen peel as a substitute for AGP on broiler performance. The research was conducted at the Animal Husbandry Department Cage, Lampung State Polytechnic. The research started from January to February 2023. The research was carried out to determine productivity, carcass percentage and IOFCC using herbal concoctions in drinking water with the addition of ginger, mangosteen peel and black cumin. The research was carried out in a comparison test or T test. 30 broiler chickens of the MB202 strain were placed randomly into 2 boxes. The first control treatment is without treatment. Treatment with 2 herbal concoctions (curcuma 250 mg + black cumin 125 mg + mangosteen peel 125 mg). The parameters measured were feed consumption, body weight gain, feed conversion, carcass percentage, IOFCC. The results of the study showed that adding the herbal ingredients 250 mg ginger + 125 mg black cumin + 125 mg mangosteen peel to drinking water could not increase broiler productivity.

Keywords: Broiler, Herbs, Performance