

PENGARUH PEMBERIAN INFUSA (BIJI, KULIT DAN BUAH) PINANG (*Areca catechu*) PADA AIR MINUM TERHADAP KARKAS BROILER

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Ringkasan

Penelitian ini bertujuan untuk menganalisis pemberian infusa (buah pinang, biji pinang dan kulit pinang) terhadap karkas ayam broiler (berat hidup, berat karkas, persentase karkas, pH daging dan lemak abdominal). Penelitian ini dilaksanakan pada bulan April sampai bulan Mei 2023. Penelitian ini dilaksanakan di kandang peternakan Politeknik Negeri Lampung. Penelitian ini menggunakan 4 perlakuan yaitu P0 Kelompok broiler tanpa pemberian perlakuan, P1 Pemberian air minum ditambah 25% infusa buah pinang, P2 Pemberian air minum ditambah 25% infusa biji pinang, P3 Pemberian air minum ditambah 25% infusa kulit pinang. Data yang diambil dalam penelitian ini adalah data karkas ayam broiler yang meliputi bobot hidup, bobot karkas, persentase karkas, persentase lemak abdominal, pH daging, dan persentase susut masak daging. Berdasarkan hasil dan pembahasan dapat disimpulkan bahwa pemberian infusa buah pinang pada air minum dapat meningkatkan persentase karkas dan persentase susut masak ayam broiler.

Kata kunci: broiler, buah pinang, infusa, karkas ayam broiler.

THE EFFECT OF GIVING (SEEDS, SKINS AND FRUIT) ARECA (Areca catechu) INFUSION IN WATER ON BROILER CARCASSES

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Abstract

This study aims to analyze the infusion (areca nut, areca nut and areca nut shell) on broiler chicken carcasses (live weight, carcass weight, carcass percentage, meat pH and abdominal fat). This research was conducted from April to May 2023. This research was carried out at the Lampung State Polytechnic livestock barn. This study used 4 treatments, namely P0 Broiler group without treatment, P1 giving of drinking water plus 25% areca nut infusion, P2 giving of drinking water plus 25% of areca seed infusion, P3 giving of drinking water plus 25% areca nut shell infusion. The data taken in this study were broiler carcass data which included live weight, carcass weight, carcass percentage, abdominal fat percentage, meat pH, and meat cooking loss percentage. Based on the results and discussion, it can be concluded that the administration of areca nut infusion in drinking water can increase the percentage of carcass and the percentage of cooking loss in broiler chickens.

Keywords: broiler, areca nut, infusa, broiler chicken carcass.