

# **PENAMBAHAN BUAH, BIJI, DAN KULIT PINANG (*ARECA CATECHU*) DI DALAM AIR MINUM TERHADAP PERFORMA BROILER**

Oleh

**Yohanes Anung Prasetyo**

## **Ringkasan**

Penelitian ini bertujuan untuk menganalisis pemberian infusa (buah pinang, biji pinang dan kulit pinang) terhadap performa broiler (konsumsi pakan, pertambahan bobot badan, *Feed Conversion Rati* (FCR), mortalitas dan *Income Over Feed Cost* (IOFC)). 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 performa broiler yang meliputi konsumsi pakan, pertambahan bobot badan, *Feed Conversion Rati* (FCR), mortalitas dan *Income Over Feed Cost* (IOFC). Berdasarkan hasil dan pembahasan dapat disimpulkan bahwa pemberian infusa buah pinang pada air minum dapat meningkatkan bobot badan broiler.

Kata kunci : broiler, buah pinang, infusa, performa broiler.

# **ADDITION OF FRUITS, SEEDS, AND ARECA NUT PEEL (ARECA CATECHU) IN DRINKING WATER TO BROILER PERFORMANCE**

**By**

**Yohanes Anung Prasetyo**

## **ABSTRACT**

This study aims to analyze the provision of infusions (areca nut, areca nut seeds and areca nut shell) on broiler performance (feed consumption, weight gain, Feed Conversion Rati (FCR), mortality and Income Over Feed Cost (IOFC)). This research will be conducted from April to May 2023. This research was carried out in the livestock enclosure of the Lampung State Polytechnic. This study used 4 treatments, namely P0 broiler group without treatment, P1 Provision of drinking water plus 25% infusion of areca nut, P2 provision of drinking water plus 25% infusion of areca nut seeds, P3 provision of drinking water plus 25% infusion of areca nut peel. The data taken in this study is broiler performance data which includes feed consumption, weight gain, Feed Conversion Rati (FCR), mortality and Income Over Feed Cost (IOFC). Based on the results and distribution, it can be concluded that giving areca nut infusion in drinking water can increase broiler body weight.

Keyword : broiler, areca catechu, infusion, broiler performance.