

## RINGKASAN

**FARDINAL YAHYA ABDULLAH.** Penelitian yang berjudul “Penggunaan Herbal dan Sinbiotik Dalam Pakan Itik Lokal Jantan terhadap Bobot dan Persentase Bagian Karkas” telah dilaksanakan pada tanggal 24 Februari 2017 sampai dengan 07 April 2017 di Pancurawis Farm dan di Laboratorium Ilmu Nutrisi dan Makanan Ternak, Fakultas Peternakan, Universitas Jenderal Soedirman, Purwokerto. Tujuan dari Penelitian ini adalah mengkaji pengaruh penggunaan herbal dan sinbiotik dalam pakan itik lokal jantan terhadap bobot dan persentase bagian karkas.

Materi yang digunakan dalam penelitian ini adalah itik lokal umur 3 minggu; kandang itik sebanyak 20 petak; pakan yang terdiri atas jagung, dedak, bungkil kedelai, tepung ikan, minyak,  $\text{CaCO}_3$ , *topmix*, *lysin* dan *metionin*; herbal yang terdiri atas kunyit, temulawak, daun kelor, mengkudu dan bawang putih; sinbiotik yang terbuat dari enceng gondok fermentasi. Penelitian dilakukan dengan metode eksperimen *in vivo* menggunakan Rancangan Acak Lengkap (RAL) 4 perlakuan dan 5 kali ulangan, peubah yang diukur yaitu bobot dan persentase bagian karkas (paha dan dada). Pengaruh perlakuan terhadap peubah yang diuji dianalisis menggunakan analisis variansi (ANAVA) dan dilanjutkan dengan uji Beda Nyata Jujur. Hasil pada penelitian ini diperoleh rata-rata bobot dada yaitu berkisar antara  $209,94 \pm 23,51$  (g) hingga  $270,34 \pm 45,31$  (g). Rata-rata persentase bagian dada yaitu berkisar antara  $26,66 \pm 1,57$  sampai  $28,04 \pm 3,08$ . Rata-rata bobot paha yaitu berkisar antara  $166,86 \pm 23,99$  g hingga  $188,34 \pm 23,44$  g sedangkan persentase paha diperoleh hasil rata-rata yang berkisar antara  $19,21 \pm 1,90$  sampai  $22,05 \pm 1,07$ . Hasil analisis variansi menunjukkan bahwa penggunaan herbal dan sinbiotik pada pakan itik lokal jantan berpengaruh nyata ( $P < 0,05$ ) meningkatkan bobot dada, akan tetapi herbal dan sinbiotik berpengaruh tidak nyata ( $P > 0,05$ ) terhadap persentase bagian dada, bobot bagian paha dan persentase bagian paha.

Kata kunci : Itik Lokal, Herbal, Sinbiotik, Bagian Karkas Itik

## SUMMARY

**FARDINAL YAHYA ABDULLAH.** The study, entitled "The Use of Herbs and Sinbiotics in the Local Ducks Feed on Weight and Percentage of Carcasses" was held on February 24, 2017 until 07 April 2017 at Pancurawis Farm and in the Laboratory of Nutrition and Feed Science, Faculty of Animal Husbandry, Jenderal Soedirman University, Purwokerto. The purpose of this study is to examine the effect of herbs and sinbiotics in the local male ducks fed to weight and percentage of carcass part.

The material used in this research is local duck 3 weeks; duck cages as much as 20 box; feed consisting of corn, bran, soybean meal, fish meal, oil, CaCO<sub>3</sub>, topmix, lysine and methionine; herbs consisting of turmeric, *Curcuma zanthorrhiza* Moringa leaves, *Morinda Citrifolia L* and garlic; Sinbiotics made from water hyacinth fermentation. The experiment was conducted in experimental method in vivo using Completely Randomized Design (RAL) 4 treatments and 5 replications, measured variables were weight and percentage of carcass (thigh and chest). The effect of treatment on the variables tested was analyzed using variance analysis (ANAVA) and continued with the test of honest difference. The results of this study obtained different mean chest weight at each treatment that ranged from  $209.94 \pm 23.51$  (g) to  $270.34 \pm 45.31$  (g). Average percentage of chest on each treatment obtained different results that ranged from  $26.66 \pm 1.57$  to  $28.04 \pm 3.08$ . Average thigh weight obtained different results on each treatment that is ranged between  $166.86 \pm 23.99$  g to  $188.34 \pm 23.44$  g while the percentage of thighs obtained the average results ranging from  $19.21 \pm 1.90$  to  $22.05 \pm 1.07$ . The result of variance analysis showed that the use of herbs and sinbiotics in male local duck feed had significant effect ( $P < 0,05$ ) to increase chest weight, but herb and sinbiotics had no significant effect ( $P > 0,05$ ) on chest percentage, and the percentage of the thighs.

Keywords: Local Ducks, Herbs, Sinbiotics, Duck Carcasses