

ABSTRAK

PROFIL HEMATOLOGI (ERITROSIT, HEMOGLOBIN, DAN PCV) PADA AYAM KAMPUNG BETINA YANG DIBERI SAMBILOTO

Oleh

YOHANES NARENDRA DARMA ATMAJA

Penelitian ini bertujuan untuk mengetahui pengaruh pemberian sambiloto terhadap eritrosit, hemoglobin, dan PCV pada ayam kampung betina. Penelitian ini dilaksanakan pada Januari sampai Maret 2022, bertempat di Laboratorium Lapang Terpadu, Fakultas Pertanian, Universitas Lampung. Pemeriksaan sampel darah dilakukan di Balai Besar Laboratorium Kesehatan Palembang, Sumatera Selatan. Penelitian eksperimental menggunakan 4 perlakuan dan 3 ulangan. Perlakuan diberikan melalui air minum dengan P0; (kontrol), P1; 3 ml/kg BB/hari, P2; 6 ml/kg BB/hari, P3; 12 ml/kg BB/hari. Data yang diperoleh dianalisis secara deskriptif. Hasil penelitian menunjukkan bahwa pemberian sambiloto pada ayam kampung betina dapat mempertahankan jumlah sel darah merah, hemoglobin, dan PCV pada kisaran normal pada semua perlakuan.

Kata kunci: Sel Darah Merah, Hemoglobin, Hematokrit, Ayam Kampung Betina, Sambiloto.

ABSTRACT

PROFILE OF HEMATOLOGY (ERYTHROCYTES, HEMOGLOBIN, AND PCV) IN LOKAL HEN WITH SAMBILOTO

Oleh

YOHANES NARENDRA DARMA ATMAJA

This study aims to determine the effect of giving sambiloto on erythrocytes, hemoglobin, and PCV in female native chickens. This research was conducted from January to March 2022, at the Integrated Field Laboratory, Faculty of Agriculture, University of Lampung. Blood samples were examined at the Central Health Laboratory of Palembang, South Sumatra. Experimental research using 4 treatments and 3 replications. The treatment was given through drinking water with P0; (control), P1; 3 ml/kg body weight/day, P2; 6 ml/kg BW/day, P3; 12 ml/kg body weight/day. The data obtained were analyzed descriptively. The results showed that the administration of sambiloto to female free-range chickens could maintain the number of red blood cells, hemoglobin, and PCV in the normal range in all treatments.

Keywords: Erythrocytes, Hemoglobin, PCV, Local Hen, Sambiloto.