

ABSTRAK

GAMBARAN DARAH (SEL DARAH MERAH, HEMOGLOBIN, DAN *PACKED CELL VOLUME*) PADA AYAM KAMPUNG DENGAN PEMBERIAN EKSTRAK DAUN BINAHONG MELALUI AIR MINUM

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Penelitian ini bertujuan untuk mengetahui gambaran darah (sel darah merah, hemoglobin, dan PCV) pada ayam kampung jantan yang diberi ekstrak daun binahong. Penelitian ini dilaksanakan pada Oktober-November 2024 di unit kandang Laboratorium Lapang Terpadu, Fakultas Pertanian, Universitas Lampung. Penelitian ini menggunakan metode Rancangan Acak Lengkap (RAL) dengan 5 perlakuan dan 3 ulangan. Perlakuan yang diberikan melalui air minum dengan P0: (kontrol), P1: 150 mg/kg BB/hari ekstrak daun binahong, P2: 200 mg/kg BB/hari ekstrak daun binahong, P3: 250 mg/kg BB/hari ekstrak daun binahong, dan P4: 300 mg/kg BB/hari ekstrak daun binahong. Pemeriksaan sampel darah dilakukan di Rumah Sakit Hewan Prof. Soeparwi, Fakultas Kedokteran Hewan, Universitas Gadjah Mada. Data yang diperoleh dianalisis secara deskriptif. Hasil penelitian menunjukkan bahwa ayam kampung jantan yang diberikan ekstrak daun binahong cenderung menurunkan jumlah sel darah merah, hemoglobin, dan PCV, namun masih berada dalam kisaran normal. Disimpulkan bahwa pemberian ekstrak daun binahong memberikan kecenderungan menurunkan nilai sel darah merah, hemoglobin, dan PCV ayam kampung.

Kata Kunci: Sel Darah Merah, Hemoglobin, PCV, Ayam Kampung, Ekstrak Daun Binahong

ABSTRACT

BLOOD PROFILE (RED BLOOD CELLS, HEMOGLOBIN, AND PACKED CELL VOLUME) IN NATIVE CHICKENS WITH BINAHONG LEAF EXTRACT THROUGH DRINKING WATER

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This study aim to determine the profile of blood (red blood cells, hemoglobin, and PCV) in male native chickens that are given binahong leaf extract. This research was carried out in October-November 2024 in the cage unit of the Integrated Field Laboratory, Faculty of Agriculture, University of Lampung. This study used the Complete Random Design (CRD) method with 5 treatments and 3 replications. Treatment given through drinking water with P0: (control), P1: 150 mg/kg BW/day binahong leaf extract, P2: 200 mg/kg BW/day of binahong leaf extract, P3: 250 mg/kg BB/day of binahong leaf extract, and P4: 300 mg/kg BW/day of binahong leaf extract. The blood samples was carried out at the Veterinary Hospital Prof. Soeparwi, Faculty of Veterinary Medicine, Gadjah Mada University. The data obtained were analyzed descriptively. The results showed that native chickens were given binahong leaf extract can maintaince red blood cell, hemoglobin, and PCV in the normal range. It was concluded that the treatment of binahong leaf extract tends to reduce the values of red blood cells, hemoglobin, and PCV of native chickens.

Keywords: Red Blood Cells, Hemoglobin, and PCV, Native Chicken, Binahong Leaf Extract