

**PENGARUH PENGGUNAAN NANOKAPSUL JUS KUNYIT DALAM
RANSUM TERHADAP KUALITAS KIMIA DAGING
ITIK LOKAL JANTAN**

RAHMAT JULIAN

15022156

INTISARI^{*)}

Penelitian ini bertujuan untuk mengetahui pengaruh penggunaan nanokapsul jus kunyit dalam ransum terhadap kualitas kimia daging itik lokal jantan. Penelitian ini dilaksanakan pada tanggal 11 April – 29 Mei 2019 berlokasi di Dusun Samben, Desa Argomulyo, Kecamatan Sedayu, Kabupaten Bantul, DIY. Ransum yang digunakan yaitu P1 (ransum basal tanpa penambahan nanokapsul jus kunyit/kontrol) dan P2 (ransum basal dengan penambahan nanokapsul jus kunyit 4% dari ransum). Metode yang digunakan adalah metode eksperimen dengan 2 perlakuan dan 5 ulangan. Setiap ulangan terdiri dari 4 ekor itik lokal jantan. Data dianalisis dengan menggunakan *independent-samples t-test*. Hasil penelitian menunjukkan bahwa pemberian ransum kontrol dan ransum perlakuan secara berturut - turut adalah kadar air P1 77,66% ; P2 76,60%, kadar protein P1 25,94% ; P2 25,96%, kadar lemak P1 7,30% ; P2 6,59%, kadar abu P1 1,40% ; P2 1,26%. Dari hasil penelitian ini dapat disimpulkan bahwa Penambahan 4% nanokapsul jus kunyit dalam ransum itik lokal jantan mampu menurunkan kadar air, kadar lemak dan kadar abu pada daging itik lokal jantan.

Kata kunci: Nanokapsul, Jus kunyit, Kualitas kimia, Daging, Itik lokal jantan

^{*)} Intisari Skripsi Sarjana Peternakan, Program Studi Peternakan, Fakultas Agroindustri, Universitas Mercu Buana Yogyakarta, 2019.

**THE INFLUENCE OF TURMERIC JUICE NANOCAPSULE IN RATION
ON MEAT CHEMICAL QUALITY OF
MALE LOCAL DUCK**

RAHMAT JULIAN

15022156

ABSTRACT*)

This study aimed to determine the influence of turmeric juice nanocapsule in ration chemical qualities of male local duck meat. This research was held on 11 April-29 May 2019, located in Samben Hamlet, Argomulyo Village, Sedayu subdistrict, Bantul Regency, DIY. The ration used were P1 (basal ration without the addition of turmeric juice nanocapsul/control) and P2 (basal ration with the addition of turmeric juice nanocapsul 4% from ration). The method used is and experimental method whit 2 treatments and 5 repetition. Each repetition consist of 4 male local ducks. The Data were analyzed using the *independent-samples T-Test*. The result showed that the administration of the control and ration of the row in a was the moisture content of P1 77.66%; P2 76.60%, protein content P1 25.94%; P2 25.96%, P1 fat content 7.30%; P2 6.59%, ash content of P1 1.40%; P2 1.26%. From the results of this study can be concluded that the addition of the 4% turmeric juice nanocapsule in the male local duck ration decrease the moisture content, fat content and ash content in the male local duck meat.

Keyword: Nanocapsule, Turmeric juice, Chemical quality, Meat, Male local duck

*) Abstract Thesis of S1 Animal Husbandry Study Program, Faculty of Agroindustry, University of Mercu Buana Yogyakarta, 2019.