

ABSTRAK

PENGARUH PENGGUNAAN PRODUK SUPLEMEN *MULTI NUTRIENT SAUCE* (MNS) TERHADAP KONSUMSI RANSUM DAN PERTAMBAHAN BOBOT TUBUH KAMBING JAWARANDU

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Penelitian ini bertujuan untuk mengetahui pengaruh penggunaan suplemen *multi nutrient sauce* (MNS) terhadap konsumsi ransum dan pertambahan bobot tubuh kambing Jawarandu. Penelitian ini dilaksanakan pada Maret--April 2025 yang berlokasi di Desa Dayamurni, Kecamatan Tumijajar, Kabupaten Tulang Bawang Barat. Penelitian ini dilakukan menggunakan Rancangan Acak Kelompok (RAK) terdiri dari 3 perlakuan dan 5 ulangan, dengan menggunakan 15 ekor kambing Jawarandu jantan. Perlakuan yang digunakan yaitu P0: ransum basal, P1 : ransum basal + 2,5% MNS, P2: ransum basal + 5% MNS. Data yang diperoleh dianalisis menggunakan *analisis of varians* (ANOVA). Hasil penelitian pada konsumsi ransum masing-masing perlakuan sebesar P0=861,51 ± 107,98; P1=940,48 ± 79,87; dan P2=970,78 ± 135,72 g/ekor/hari dan pada pertambahan bobot badan harian sebesar P0=22,52 ± 8,55; P1=41,86 ± 9,69; dan P2=54,67 ± 10,10 g/ekor/hari. Disimpulkan bahwa penggunaan suplemen dapat meningkatkan konsumsi ransum dan pertambahan bobot tubuh kambing Jawarandu.

Kata Kunci: Kambing Jawarandu, *Multi Nutrient Sauce*, Konsumsi Ransum, Pertambahan Bobot Badan

ABSTRACT

THE EFFECT OF MULTI NUTRIENT SAUCE (MNS) SUPPLEMENT PRODUCT SUBSTITUTION ON RATION CONSUMPTION AND BODY WEIGHT INCREASE IN JAWARANDU GOATS

By

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This study aims to determine the effect of the use of multi nutrient sauce (MNS) supplements on feed consumption and body weight gain of Jawarandu goats. This study was conducted in March--April 2025 located in Dayamurni Village, Tumijajar District, West Tulang Bawang Barat. This study was conducted using a Randomized Block Design (RAK) consisting of 3 treatments and 5 replications, using 15 male Jawarandu goats. The treatments used were P0: basal ration, P1: basal ration + 2.5% MNS, P2: basal ration + 5% MNS. The data obtained were analyzed using analysis of variance (ANOVA). The results of the study on feed consumption for each treatment were P0 = 861.51 ± 107.98 ; P1 = 940.48 ± 79.87 ; and P2= 970.78 ± 135.72 g/head/day and daily body weight gain of P0= 22.52 ± 8.55 ; P1= 41.86 ± 9.69 ; and P2= 54.67 ± 10.10 g/head/day. It was concluded that the use of supplements can increase feed consumption and body weight gain of Jawarandu goats.

Kata Kunci: Jawarandu Goat, Multi Nutrient Sauce, Ration Consumption, Body Weight Gain