KINERJA PERTUMBUHAN KELINCI REX JANTAN YANG DIBERI PAKAN HIDROPONIK FODDER JAGUNG

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INTISARI

Penelitian ini bertujuan untuk mengetahui kinerja pertumbuhan kelinci Rex jantan yang diberi pakan hidroponik fodder jagung. Sebanyak 10 ekor kelinci Rex jantan umur 8 sampai 12 minggu dengan bobot 1034±336 g dibagi secara acak ke dalam dua kelompok. Kelompok perlakuan diberikan hidroponik fodder jagung dan kelompok kontrol diberi rumput lapangan. Selain hijauan, konsentrat juga diberikan sebagai pakan penguat. Metode pemberian pakan dilakukan secara adlibitum dan diberikan sebanyak dua kali sehari yaitu pagi dan sore hari. Air minum diberikan secara bebas. Kelinci dipelihara selama 49 hari, dengan 7 hari pertama masa adaptasi dan 42 hari pengambilan data. Data yang diambil meliputi konsumsi pakan, pertambahan bobot badan harian (PBBH), dan konversi pakan. Data dianalisis dengan *one-way analysis of variance,* khusus untuk PBBH dianalisis dengan menggunakan analisis kovariansi dengan bobot awal sebagai kovariat. Konsumsi *as fed* hijauan kelompok perlakuan dan kontrol masing-masing sebanyak 74,21±10,67 dan 116,94±33,83 g/hari. Konsumsi *as fed* hijauan kelompok perlakuan lebih rendah (P<0,05) dibandingkan kontrol. Konsumsi BK, PK, SK, dan LK per bobot badan (BB) kelompok perlakuan dan kontrol berturut-turut sebanyak 5,02±0,50 dan 7,14±0,50 %BB, 0,52±0,08 dan 0,81±0,06 %BB, 0,54±0,09 dan 1,11±0,06 %BB, 0,27±0,05 dan 0,37±0,04 %BB. Konsumsi BK/BB, PK/BB, dan SK/BB kelompok perlakuan lebih rendah (P<0,01) dibandingkan kontrol. Konsumsi LK/BB kelompok perlakuan lebih rendah (P<0,05) dibandingkan kontrol. PBBH dan konversi pakan kelompok perlakuan dan kontrol berturut-turut sebanyak 9,45±5,16 dan 13,63±5,52 g/hari, serta 7,78±2,32 dan 6,83±2,51. PBBH dan konversi pakan kelompok perlakuan dan kontrol berbeda tidak nyata. Disimpulkan bahwa kelinci Rex jantan yang diberi pakan hijauan fodder jagung mempunyai kinerja pertumbuhan yang sama dengan yang diberi rumput lapangan.

Kata kunci : Kelinci Rex jantan, Hidroponik Fodder Jagung, Kinerja pertumbuhan.

GROWTH PERFORMANCE OF MALE REX RABBIT FED WITH CORN HYDROPONIC FODDER

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ABSTRACT

This research was conducted to observe the growth performance of male Rex rabbits fed with corn hydroponic fodder. Ten male Rex rabbits aged 8 to 12 weeks weighing 1034±336 g were randomly divided into two groups. The treatment group was fed with corn fodder and the control group was fed with native grass. Apart from forage, concentrate was also given as enrichment feed. The method of feeding was adlibitum, and feeding was done twice a day, i.e. morning and evening. Drinking water was given freely. The animals reared for 49 days, seven days of adaptation period and 42 days of data collection. Observed data include feed consumption, average daily gain (ADG), and feed conversion ratio (FCR). Data were analyzed by one-way analysis of variance, in exception ADG was analyzed by analysis of covariance with initial weight as covariate The consumption of fresh forage of treatment and control groups were 74,21±10,67 and 116,94±33,83 g/day, respectively. The consumption of fresh forage of treatment group was lower ($P<0.05$) than that of control. The consumption of Dry Matter (DM), Crude Protein (CP), Crude Fiber (CF) and Estrak Eter (EE) of treatment and control groups were 5,02±0,50 and 7,14±0,50 %BW, 0,52±0,08 and 0,81±0,06 %BW, 0,54±0,09 and 1,11±0,06 %BW, 0,27±0,05 and 0,37±0,04 %BW, respectively. Consumption of DM/BW, CP/BW, and CF/BW of treatment group was lower ($P<0.01$) than those of control. The EE/BW consumption in the treatment group was lower ($P<0.05$) than that of control. ADG and FCR of treatment and control groups were 9.45±5.16 and 13.63±5.52 g/day and 7.78 ± 2.32 and 6.83±2.51, respectively. ADG and FCR of the treatment and control groups were not significantly different. It is concluded that male Rex rabbits fed with corn hydroponic fodder had the same growth performance as those fed with native grass.
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Key word: Male Rex rabbit, Corn hydroponics fodder, Growth performance.