

ABSTRAK

ABI MAULANA IBRAHIM. A.1810879. Performa Puyuh Jantan yang Diberi Tepung Ketumbar (*Coriandrum sativum*) pada Ransum Komersil. Dibimbing oleh Deden Sudrajat dan Dewi Wahyuni.

Ternak puyuh rentan terhadap penyakit yang menjadikan banyak penggunaan obat seperti antibiotik agar dapat bertahan hidup. Salah satu tanaman obat tradisional yang dapat menggantikan antibiotik adalah biji ketumbar (*Coriandrum sativum*). Penelitian ini bertujuan untuk menguji pengaruh pemberian tepung ketumbar (*Coriandrum sativum*) dalam ransum komersil terhadap performa burung puyuh (*Coturnix coturnix japonica*) jantan. Metode penelitian menggunakan Rancangan Acak Lengkap (RAL) terdiri dari 4 perlakuan dan 5 ulangan, masing-masing ulangan terdapat 5 ekor burung puyuh. Perlakuan penambahan tepung ketumbar pada pakan penelitian ini terdiri atas P0 = tanpa penambahan tepung ketumbar, P1 = penambahan tepung ketumbar 0.5% dalam ransum komersil, P2 = penambahan tepung ketumbar 1% dalam ransum komersil, P3 = penambahan tepung ketumbar 1.5% dalam ransum komersil. Data dianalisis menggunakan ANOVA dan uji lanjut Duncan. Peubah yang diamati terdiri atas konsumsi ransum, pertambahan bobot badan, konversi ransum, morbiditas dan mortalitas. Hasil analisis menunjukkan bahwa pemberian tepung ketumbar dalam ransum komersil terhadap konsumsi ransum, pertambahan bobot badan, konversi ransum, morbiditas dan mortalitas tidak menunjukkan adanya perbedaan nyata ($P>0,05$) pada seluruh perlakuan. Kesimpulan dari penelitian ini pemberian tepung ketumbar (*Coriandrum sativum*) sampai 1,5% yang ditambahkan dalam pakan komersil tidak dapat meningkatkan performa pada ternak puyuh *Coturnix coturnix japonica* jantan.

Kata Kunci: *ketumbar, puyuh, performa, ransum komersil*

ABSTRACT

ABI MAULANA IBRAHIM. A.1810879. Performance of Male Quails Fed Commercial Rations Supplemented with Coriander Meal (*Coriandrum sativum*). Under immediate supervision of Deden Sudrajat and Dewi Wahyuni.

Quails are so prone to various diseases that the use of drugs and antibiotic in quail production system is common. Coriander (*Coriandrum sativum*) is a traditional herb medicine which can be used as a substitute for synthetic antibiotic use in ration. This study was aimed at assessing the effects of the inclusion of coriander meal in commercial rations on the production performance of male quails. One-hundred male quails were randomly allocated into 4 treatments and 5 replicates (5 quails each) in a completely randomized design. Treatments consisted of the inclusion of coriander meal in commercial ration by 0% (P0), 0.5% (P1), 1.0% (P2), and 1.5% (P3). Measurements were taken on feed intake, body weight gain, feed conversion ratio, morbidity rate, and mortality rate. Data were subjected to an analysis of variance and a Duncan test. Results showed that no significant differences ($P>0.05$) were found in all parameters measured. It was concluded that the inclusion of coriander meal in commercial ration by up to 1.5% did not improve production performance of male quails.

Key words: *coriander, quail, performance, commercial ration*

