

Abstrak

EVI TIANA MARYANI. Penelitian berjudul “Suplementasi Tepung Biji Alpukat Terhadap Konsumsi Pakan dan Pertumbuhan Puyuh Betina” telah dilaksanakan pada tanggal 3 Januari 2019 sampai dengan tanggal 14 Maret 2019 di Ketapang Farm Desa Sokaraja Kecamatan Sokaraja Kabupaten Banyumas. Tujuan penelitian ini adalah mengkaji suplementasi tepung biji alpukat terhadap konsumsi pakan dan pertumbuhan puyuh betina. Materi yang digunakan dalam penelitian ini yaitu puyuh betina jenis *Coturnix coturnix japonica* umur 4 – 13 minggu berjumlah 100 ekor, 20 petak kandang, tempat pakan, tempat air minum, timbangan digital. Pakan yang digunakan terdiri dari jagung, tepung biji alpukat, dedak padi, tepung ikan, bungkil kedelai, minyak kelapa sawit, topmix, *lysine* dan *methionin*. Penelitian ini dilakukan dengan metode eksperimen dan menggunakan rancangan acak lengkap (RAL) dengan 4 perlakuan 5 ulangan dengan masing-masing ulangan terdiri dari 5 ekor puyuh betina. Perlakuan yang digunakanyaitu R₀ (pakan basal tanpa suplementasi tepung biji alpukat), R₁ (pakan dengan suplementasi tepung biji alpukat 3%), R₂ (pakan dengan suplementasi tepung biji alpukat 6%), R₃ (pakan dengan suplementasi tepung biji alpukat 9%). Rataan konsumsi pakan puyuh betina berdasarkan perlakuan R₀, R₁, R₂, R₃ secara berurutan yaitu 20,8±1,11 g/ekor/hari, 20,3±1,07 g/ekor/hari, 19,4±1,63 g/ekor/hari, 19,2±0,96 g/ekor/hari. Rataan pertumbuhan puyuh betina berdasarkan perlakuan R₀, R₁, R₂, R₃ secara berurutan yaitu 60,13±12,23 g/ekor, 60,08±18,83 g/ekor, 65,29±8,50 g/ekor, 62,96±11,82 g/ekor. Hasil analisis variansi menunjukkan bahwa perlakuan berpengaruh tidak nyata (P>0,05) terhadap konsumsi pakan dan pertumbuhan puyuh betina. Hal tersebut menunjukkan bahwa suplementasi tepung biji alpukat pada puyuh betina sampai dengan level 9% menghasilkan konsumsi pakan dan pertumbuhan yang relatif sama.

Kata Kunci : Konsumsi pakan, pertumbuhan, biji alpukat, puyuh, umur.

Abstract

EVI TIANA MARYANI. This research entitled "Supplementation of Avocado Seed Flour on Feed Consumption and Growth of Female Quail" was conducted on January 3, 2019 until March 14, 2019 at Ketapang Farm, Sokaraja Village, Sokaraja District, Banyumas Regency. The purpose of this study was to examine the supplementation of avocado seed flour on feed consumption and growth of female quail. The material used in this research were *Coturnix coturnix japonica* female quail aged 4-13 weeks totaling 100 birds, 20 cage plots, feed containers, drinking water containers, digital scales. The feed used consisted of corn, avocado seed flour, rice bran, fish meal, soy bean meal, palm oil, topmix, lysine and methionine. This research was conducted using the experiment method and using a completely randomized design (CRD) with 4 treatments and 5 replications with each replication consisting of 5 female quails. The treatments used were R₀ (basal feed without avocado seed flour supplementation), R₁ (feed with 3% avocado seed flour supplementation), R₂ (feed with 6% avocado seed flour supplementation), R₃ (feed with supplement avocado seed flour 9%) . The average consumption of female quail feed is based on treatments R₀, R₁, R₂, R₃ respectively 20.8 ± 1.11 g / head / day, 20.3 ± 1.07 g / head / day, 19.4 ± 1.63 g / head / day, 19.2 ± 0.96 g / head / day. The average growth of female quails is based on treatment R₀, R₁, R₂, R₃ in sequence which is 60.13 ± 12.23 g / head, 60.08 ± 18.83 g / head, 65.29 ± 8.50 g / head, 62.96 ± 11.82 g / head. The results of the variance analysis showed that the treatment had no significant effect (P > 0.05) on feed consumption and growth of female quails. This shows that supplementation of avocado seed flour in female quail up to the level of 9% produces relatively the same feed consumption and growth.

Keywords: Feed consumption, growth, avocado seeds, quail, age.