

ABSTRAK

Pengaruh Pakan Tambahan terhadap Kualitas Nyanyian Burung Kenari (*Serinus canaria*) Jantan Muda dengan Pendedahan *Tape Tutoring*

Burung kenari merupakan jenis burung bernyanyi yang banyak diminati, selain suaranya yang merdu, burung kenari juga memiliki variasi warna dan postur yang beraneka ragam. Penelitian ini bertujuan untuk mengetahui pengaruh perlakuan suplai pakan tambahan terhadap kualitas nyanyian burung kenari jantan muda yang didedahkan terhadap suara burung kenari jantan dewasa secara *tape tutoring*. Penelitian ini menggunakan metode *tape tutoring*, enam ekor burung kenari jantan muda yang berumur 10 minggu dibagi kedalam dua kelompok perlakuan yaitu perlakuan pakan normal yang berupa biji-bijian (*gold coin*) dan tambahan berupa biji-bijian (*gold coin*), sayuran (sawi hijau, oyong/gambas dan wortel), buah-buahan (apel dan pir), jangkrik, telur puyuh matang, dan asinan sotong yang disesuaikan dalam menu harian. Pendedahan suara dilakukan selama empat jam dari pukul 10.00 - 14.00 WIB selama empat bulan. Total sampel suara burung adalah 1200, dengan 50 sampel suara burung dari setiap individu. Seluruh cuplikan nyanyian burung kenari akan dianalisis melalui program *Avisoft Sonograph Pro* (Specht, 1996). Seluruh nyanyian burung kenari akan dianalisis dengan beberapa parameter, yaitu durasi nyanyian, *repertoire size*, jumlah tipe silabel dalam satu nyanyian, *song repertoire* dan *syllable repertoire*. Perhitungan nilai kalori pakan burung kenari juga dilakukan untuk setiap pakan yang dikorelasikan dengan rata-rata berat badan pada burung kenari. Hasil analisis suara dan nilai kalori pakan burung kenari jantan muda dianalisis dengan menggunakan uji t (*independent-samples T-test*) melalui program statistik SPSS 16.0. Berdasarkan kelima parameter suara menunjukkan bahwa perlakuan pakan tambahan memiliki rata-rata nilai yang lebih tinggi dibandingkan dengan perlakuan pakan normal dan hasil uji korelasi pearson menunjukkan bahwa antara konsumsi pakan dengan kenaikan berat badan tidak berkorelasi secara signifikan. Kata kunci : Burung kenari, *Tape Tutoring*, normal dan tambahan, nilai kalori.

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ABSTRACT

Effect of Additional Food on the Quality of Singing Canary (*Serinus canaria*) Young Male With Exposure Tape Tutoring

The canary bird is singing a lot of interest, in addition to his melodious voice, the Canaries also have a variety of colors and postures are diverse. This study aimed to determine the effect of treatment on quality of feed supply additional young male singing canaries that was exposed to the sound of adult male canaries are tape tutoring. This study uses tape tutoring, six young male canary birds aged 10 weeks were divided into two treatment groups, namely normal treatment in the form of feed grains (gold coin) and the form of additional grain (gold coin), vegetables (mustard greens , squash / squash and carrots), fruits (apples and pears), crickets, cooked quail eggs and pickled squid were adjusted in the daily menu. Noise exposure is done for four hours from 10.00 - 14.00 pm for four months. Total sample sounds of birds was 1200, with 50 samples from each individual bird sounds. The entire footage singing canaries will be analyzed through the Avisoft Sonograph Pro (Specht, 1996). The whole song canaries will analyzed with several parameters, namely the duration of the song, repertoire size, the number of syllables in a single song type, song repertoire and Syllable repertoire. Calculation of calorific value of feed canaries also performed for each feed were correlated with the average weight loss in the Canaries. The results of the analysis of the sound and the caloric value of feed young male canaries were analyzed using t-test (independent-samples T-test) through the statistical program SPSS 16.0. Based on the five parameters of the sound indicated that additional feed treatment had an average value that is higher than normal feed treatments and test results show that the correlation between feed intake with increasing body weight did not correlate significantly.

Keywords : Canary, Tape Tutoring, normal and additional caloric value.