

## **ABSTRAK**

### **PENGARUH PENAMBAHAN LEVEL EKSTRAK DAUN KERSEN (*Muntingia calabura*) TERHADAP KUALITAS KUNING TELUR ASIN RENDAH SODIUM**

Oleh

**ADHE RANI PRADILA**

Penelitian ini bertujuan untuk mengetahui pengaruh konsentrasi ekstrak daun kersen terhadap indeks kuning telur, warna kuning telur, dan pH kuning telur serta konsentrasi daun kersen terbaik untuk telur asin. Penelitian ini dilaksanakan pada 25 Februari--01 Maret 2022, bertempat di Laboratorium Produksi Ternak, Jurusan Peternakan, Fakultas Pertanian, Universitas Lampung. Metode yang digunakan adalah Rancangan Acak Lengkap (RAL), dengan 4 perlakuan konsentrasi daun kersen (0%, 10%, 20%, dan 30%) dengan 5 ulangan. Setiap satuan percobaan menggunakan 7 butir telur ayam sehingga total 140 butir telur dan 60 butir dijadikan sampel penelitian. Selanjutnya data yang didapatkan dianalisis dengan ragam taraf nyata 5% . Hasil penelitian menunjukkan terdapat pengaruh tidak nyata ( $P < 0,05$ ) terhadap indeks kuning telur, warna kuning telur, dan pH kuning telur. Daun kersen konsentrasi 30% menunjukkan perlakuan nilai indeks kuning telur dan pH kuning telur sebesar 0,85 dan 6,85 sedangkan, pada warna kuning telur sebesar 10,93.

Kata kunci: Telur ayam, daun kersen, indeks kuning telur, warna kuning telur, dan pH kuning telur

**ABSTRACT**  
**EFFECT OF ADDITIONAL LEVEL OF JAMAICA LEAF EXTRACT**  
**(*Muntingia calabura*) ON THE QUALITY OF LOW-SODIUM SALTED**  
**EGG YOLKS**

**By**

**ADHE RANI PRADILA**

This study aims to determine the effect of concentration of jamaica leaf extract on the index of egg yolk, egg yolk color, and egg yolk pH and the best concentration of jamaica leaf for salted eggs. This research was conducted on February 25<sup>th</sup>--March 01<sup>st</sup>, 2022, at the Livestock Production Laboratory, Department of Animal Husbandry, Faculty of Agriculture, University of Lampung. The method used was a completely randomized design (CRD), with 4 treatments of cherry leaf concentration (0%, 10%, 20%, and 30%) with 5 replications. Each experimental unit used 7 chicken eggs so that a total of 140 eggs and 60 eggs were used as research samples. Furthermore, the data obtained were analyzed with a variety of 5% significance level. The results showed that there was no significant effect ( $P < 0,05$ ) on the egg yolk index, egg yolk color, and egg yolk pH. Cherry leaves with a concentration of 30% showed that the yolk index and egg yolk pH were 0,85 and 6,85 while the yolk color was 10,93.

Keywords: Chicken eggs, cherry leaves, egg yolk index, egg yolk color, and egg yolk pH