



**STUDI KUALITAS FISIK TELUR ITIK BERBASIS
VARIASI WARNA KERABANG**

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INTISARI

Studi ini dilakukan untuk mengetahui pengaruh variasi warna kerabang telur itik terhadap kualitas fisiknya. Telur sebanyak 279 butir yang terbagi dalam tiga variasi warna kerabang yaitu hijau biru, sedang dan pucat diambil dari para peternak itik di kawasan pantai selatan Kabupaten Bantul. Uji kualitas fisik telur dilakukan di Laboratorium Ternak Unggas, Jurusan Produksi Ternak, Fakultas Peternakan, UGM. Hasil penelitian ini menunjukkan bahwa variasi warna kerabang mempunyai pengaruh secara nyata terhadap indeks telur dan berat kerabang, tapi berpengaruh tidak secara nyata terhadap berat telur, tebal kerabang, berat putih telur, *haugh unit*, berat kuning telur dan warna kuning telur.

(Kata kunci. Telur, Kualitas fisik, Warna kerabang)



**STUDY OF PHYSICAL QUALITY OF EGG DUCK
BASED OF EGG SHELL COLOR**

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ABSTRACT

This study was conducted to know the effect of egg shell color on physical quality of duck egg. Two-hundred and seventy nine eggs from the duck farmer in Bantul coastal area, divided into three of egg shell color that were blue-green, medium and chalky. The physical traits observed were: egg weight, egg index, shell weight, shell thickness, albumen weight, haugh unit, yolk weight and yolk color in Poultry Science Laboratory of Faculty of Animal Science. The result showed that egg shell color had significant difference on: egg index and shell weight, but had not significant difference on: egg weight, shell thikness, albumen weight, haugh unit, yolk weight and color of yolk.

(Key word: Egg, Physical,quality, Shell color)