

POTENTIAL OF FEEDING FLOUR EGG SHELLS TO EGG SHELLS
THICKNESS AND EGG WEIGHT OF LAYER CHICKEN

Febrian Firstiara Paramudita

ABSTRACT

Egg shell is outside of the egg. It has function to protect inside of the egg from damage. It is one of the waste which always available. It contains of natural calcium, so it easy to digested and absorbed. The aim of this study was to investigate the potential of feeding flour egg shells to egg shells thickness and egg weight of layer chicken. Twenty layer chickens strain *Isa Brown* with 65 weeks old were divided into five treatment and four repetition. Group P0 fed by standard woof without suplement of egg shell flour, group P1 fed by standard woof with suplement 2% egg shell flour, group P2 fed by standard woof with suplement 4% egg shell flour, group P3 fed by standard woof with suplement 6% egg shell flour, group P4 fed by standard woof with suplement 8% egg shell flour for four weeks. The data of egg shell thickness and egg weight was analysed with ANOVA and Duncan Multiple Range Test (DMRT). The result showed that feeding flour egg shell 4%. 6%. and 8% could improve eggg shell thickness. Feeding flour egg shell 2%. 4%. 6% and 8% couldn't improve egg weight.

Key World : egg shells flour, layer, egg shell thickness, egg weight