

THE ADDITION OF TEMU IRENG RHIZOME (*Curcuma Aeruginosa*) SIMPLICIA ON THE BROILER CHIKEN PRODUCTIVITY

By

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Abstract

Temu ireng rhizome (*Curcuma Aeruginosa*) is a natural ingredient that is processed into simplicia and added to feed to increase the productivity of broilers. The content contained in temu ireng rhizome (*Curcuma Aeruginosa*) in the form of curcumin and essential oils that can increase appetite and stimulate growth. The research was carried out at the Lampung State Polytechnic. The aim of this study was to analyze the productivity of broiler chickens given Intersection temu ireng rhizome (*Curcuma Aeruginosa*) simplicia in different doses of feed. In this study there were four treatments, temu ireng rhizome (*Curcuma Aeruginosa*) simplicia in the feed with a dose of 0%, 0.75%, 1%, and 1.25%. The results of this study that the application of temu ireng rhizome (*Curcuma Aeruginosa*) simplicia to broiler feed treatments with a dose of 1.25% resulted in the best final body weights of 1466.61 g/head and with a resulted in an IOFCC value of Rp. 24,802 but not affect feed consumption, body weight gain and feed conversion.

Keywords ; Temu Ireng Rhizome, Productivity, Broilers