

Economic Analysis of Broiler Chickens Supplemented with Sunkist Orange Peel Extract (*Citrus sinensis* (L.) Osbeck)

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ABSTRACT

The success of a broiler business is influenced by several factors, including the use of feed additives. Natural feed additives, such as sunkist orange peel extract (*Citrus sinensis* (L.) Osbeck), potentially become alternative feed additives which is cheaper and safer. This research aims to analyze the economics of using sunkist orange peel extract as an alternative feed additive in broiler chickens. The research was carried out in the Lampung State Polytechnic with four treatments, without extract (P0), 5% extract (P1), 10% extract (P2), and 15 ml of extract (P3). The results of the study showed that treatment with 10% sunkist orange peel extract (P2) gave the best economic analysis results, with a BEP price of RP 18,343.63, IOFC of Rp 612,519.14, R/C value of 1.53, and a B/C value 0.53.

Keywords: economic analysis, broiler.