

**ANALISIS EKONOMI PEMELIHARAAN BROILER YANG
DIBERI EKSTRAK DAUN SAMBILOTO (*Andrographis
paniculata*) DAN DAUN KELOR (*Moringa oleifera lam*)
DALAM AIR MINUM**

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RINGKASAN

Penggunaan *feed additive* dari bahan alami merupakan suatu solusi alternatif dalam meningkatkan kesehatan ternak dan produktivitas ternak, khususnya broiler. Beberapa jenis tanaman yang berpotensi sebagai *feed additive* alami yaitu daun sambiloto (*Andrographis paniculata*) dan daun kelor (*Moringa oleifera lam*). Penelitian telah dilaksanakan di kandang Politeknik Negeri Lampung. Penelitian ini terdapat sembilan perlakuan yaitu P0 = Tanpa pemberian ekstrak daun sambiloto dan ekstrak daun kelor, P1 = 5 ml ekstrak daun sambiloto, P2 = 10 ml ekstrak daun sambiloto, P3 = 5 ml ekstrak daun kelor, P4 = 5 ml ekstrak daun sambiloto dan 5 ml ekstrak daun kelor, P5 = 10 ml ekstrak daun sambiloto dan 5 ml ekstrak daun kelor, P6 = 10 ml ekstrak daun kelor, P7 = 5 ml ekstrak daun sambiloto dan 10 ml ekstrak daun kelor, P8 = 10 ml ekstrak daun sambiloto dan 10 ml ekstrak daun kelor. Hasil penelitian penggunaan ekstrak daun kelor (*Moringa oleifera lam*) sebanyak 10 ml dalam air minum mampu meningkatkan, pendapatan dan hasil analisis BEP Harga sebesar Rp 18.359,43, IOFC sebesar Rp 232.998,02, nilai R/C 1,53 serta nilai B/C 0,53.

Kata kunci: analisis ekonomi, broiler.

**ECONOMIC ANALYSIS OF MAINTENANCE OF BROILERS
FIXED WITH SAMBILOTO LEAF EXTRACT (*Andrographis
paniculata*) AND MORINGA LEAF (*Moringa oleifera lam*)
IN DRINKING WATER**

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ABSTRACT

The use of feed additives from natural ingredients is an alternative solution in improving livestock health and livestock productivity, especially broilers. Several types of plants that have the potential as natural feed additives, namely sambiloto leaves (*Andrographis paniculata*) and moringa leaves (*Moringa oleifera lam*). The research was carried out in the stables of the Lampung State Polytechnic. There were nine treatments in this study, P0 = without the administration of sambiloto leaf extract and moringa leaf extract, P1 = 5 ml of sambiloto leaf extract, P2 = 10 ml of sambiloto leaf extract, P3 = 5 ml of moringa leaf extract, P4 = 5 ml of sambiloto leaf extract and 5 ml of moringa leaf extract. P5 = 10 ml of sambiloto leaf extract and 5 ml of moringa leaf extract. P6 = 10 ml of moringa leaf extract, P7 = 5 ml of sambiloto leaf extract and 10 ml of moringa leaf extract. P8 = 10 ml of sambiloto leaf extract and 10 ml of moringa leaf extract. The results of the study using 10 ml of moringa leaf extract (*Moringa oleifera lam*) in drinking water were able to increase income and has economic value of the analysis of BEP Price Rp 18.359,43, IOFC Rp 232.998.02, R/C value 1,53 and B/C value 0,53.

Keywords: economic analysis, broiler.