

## ABSTRAK

### **PENGARUH PENAMBAHAN TEPUNG DAUN KELOR (*Moringa oleifera*) TERHADAP KONSUMSI RANSUM, BOBOT TELUR, DAN *HEN-DAY PRODUCTION* AYAM RAS PETELUR UMUR 73--79 MINGGU**

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Penelitian ini bertujuan untuk mengetahui pengaruh penambahan dan level terbaik tepung daun kelor (*Moringa oleifera*) terhadap konsumsi ransum, bobot telur, dan *hen-day production* ayam petelur fase produksi II. Penelitian ini dilaksanakan selama 6 minggu pada Januari 2024--Februari 2024 di perusahaan peternakan ayam petelur CV. Margaraya *Farm*, Dusun Sukananti, Desa Margaraya, Kecamatan Natar, Kabupaten Lampung Selatan. Penelitian ini menggunakan Rancangan Acak Lengkap (RAL) dengan 3 perlakuan dan 6 ulangan. Pada setiap ulangan terdiri atas 9 ekor ayam ras petelur. Peubah yang diamati meliputi konsumsi ransum, bobot telur, dan *hen-day production*. Data yang diperoleh dari hasil pengamatan selanjutnya dianalisis dengan menggunakan analisis ragam pada taraf 5% apabila berpengaruh nyata dilanjutkan dengan uji lanjut. Hasil penelitian menunjukkan bahwa pemberian tepung daun kelor (*Moringa oleifera*) dengan level 1%, 2%, dan 3% dalam ransum ayam ras petelur, berpengaruh relatif sama ( $P>0,05$ ) terhadap konsumsi ransum, bobot telur, dan *hen-day production*.

**Kata Kunci :** ayam petelur, tepung daun kelor, konsumsi ransum, bobot telur, dan *hen-day production*.

## **ABSTRACT**

### **THE EFFECT OF ADDING MORINGA LEAF FLOUR (MORINGA OLEIFERA) ON RATION CONSUMPTION, EGG WEIGHT, AND HEN-DAY PRODUCTION OF LAYING HENS AGED 73--79 WEEKS**

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This study aims to determine the effect of the addition and best level of moringa leaf flour (*Moringa oleifera*) on ration consumption, egg weight, and hen-day production of laying hens in the second production phase. This research was carried out for 6 weeks in January 2024--February 2024 at the CV laying hen farming company. Margaraya Farm, Sukananti Hamlet, Margaraya Village, Natar District, South Lampung Regency. This study used a Complete Randomized Design (RAL) with 3 treatments and 6 replicates. Each replicate consists of 9 laying breed chickens. The observed variables included ration consumption, egg weight, and hen-day production. The data obtained from the observation results will then be analyzed using variety analysis at the level of 5% and continued with Duncan's further test if the difference is obvious. The results showed that the administration of moringa leaf flour (*Moringa oleifera*) with levels of 1%, 2%, and 3% in the ration of laying breed chickens, had a relatively similar effect ( $P>0.05$ ) on ration consumption, egg weight, and hen-day production.

**Keywords:** laying hens, moringa leaf flour, ration consumption, egg weight, and hen-day production.