

ABSTRAK

PENGARUH PENGGUNAAN TEPUNG DAUN *Indigofera zollingeriana* DALAM RANSUM TERHADAP KONSUMSI RANSUM, KONSUMSI PROTEIN, *HEN-DAY*, DAN BOBOT TELUR AYAM RAS

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Penelitian ini bertujuan untuk mengetahui potensi dari tepung daun *Indigofera zollingeriana*. dalam ransum ayam petelur terhadap konsumsi ransum, konsumsi protein, *hen-day* dan bobot telur. Penelitian ini dilakukan pada bulan April- Juni 2017 yang meliputi tahap pertama pembuatan tepung daun *Indigofera zollingeriana* di Kelompok Tani Manunggal, Pekon Purwodadi, Kecamatan Adiluwih, Kabupaten Pringsewu dan tahap kedua berupa *feeding trial* ransum perlakuan di Peternakan ayam petelur CV. Varia Agung Jaya Farm, Desa Varia Agung, Kecamatan Seputih Mataram, Kabupaten Lampung Tengah. Ayam yang digunakan pada penelitian ini adalah ayam ras petelur yang berumur 32 minggu dengan jumlah 48 ekor. Penelitian ini menggunakan Rancangan Acak Lengkap (RAL) dengan perlakuan tepung daun *Indigofera zollingeriana* R0: 0%; R1: 5%; R2:10%; R3: 15%. Data yang diperoleh kemudian dianalisis ragam dengan taraf 5% dan atau 1%, hasil berpengaruh nyata di uji lanjut menggunakan uji BNT. Hasil penelitian menunjukkan bahwa rata-rata konsumsi ransum, konsumsi protein, *hen-day* dan bobot telur berpengaruh tidak nyata ($P>0,05$), dan penggunaan tepung daun *Indigofera zollingeriana* 1—15% dalam ransum menghasilkan konsumsi ransum, konsumsi protein, produksi telur dan bobot telur yang relatif sama.

Kata kunci: tepung daun *Indigofera zollingeriana*, ransum, konsumsi ransum, konsumsi protein, *hen-day*, bobot telur

ABSTRACT

THE EFFECT OF USAGE OF THE POWDER *Indigofera Zollingeriana* LEAVES ON RATION CONSUMPTION, PROTEIN CONSUMPTION, HEN-DAY, AND EGG WEIGHT OF LAYING HENS

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This research aims to know the potential of the powder *Indigofera zollingeriana* leaves in laying chicken rations on ration consumption, protein consumption, hen-day and egg weight. This research was conducted on April-June 2017 that consists of two step. The first step was producing the powder *Indigofera zollingeriana* leaves in Manunggal Farm Group, Purwodadi Village, Adiluwih, Pringsewu Regency. The second step was feeding trial treatment ration of laying hens farm, CV. Varia Agung Jaya Farm, Varia Agung Village, Seputih Raman, Center Lampung Regency. This research used 48 chickens laying by age 32 weeks. This study used a Randomized Complete Design (RAL) with the powder *Indigofera zollingeriana* leaves treatment R0:0%; R1:5%; R2:10%; R3:15%. The data obtained are analyzed a variety of a level 5%, or 1%, the results differ markedly in advanced test using test BNT. The results showed that the average rations consumption, protein consumption, hen-day and egg weight did not differ markedly ($P > 0.05$), and the use of the powder *Indigofera zollingerpiana* leaves 1 — 15% in ration got the ration consumption, protein consumption, egg weight and egg production are relatively the same.

Keyword : the powder *indigofera zollingeriana* leaves , ration consumption, protein consumption, egg weight and egg production, laying hens