PENGARUH PENGUNAAN TEPUNG LIMBAH KATAK DALAM RANSUM TERHADAP HEN DAY PRODUCTION DAN BERAT TELUR

Muchammad Sobri

Abstract: The purpose of research is to know the influence of utilization of dump frog flour in feed formulation toward hen day production and egg weight. Research material used 120 hens Strain Dekalb by the age 47 till 51 weeks, research ration, and poultry-run battery. Research methodology used sampling method through random perfect plan. The treatment was dump frog flour with utilization level $T_0 = 0 \%, T_1 = 3 \%, T_2 = 6 \%$ and $T_3 = 9 \%$, and each treatment was repeated as much as six times. Data were taken by computing the egg production percentage and the average of egg weight into gram per flock per day. Result of research found that the average data for hen day production was $T'' = 71.33 \%, T' = 71.10 \%, T_1 = 69.52 \%$ and $T_3 = 45.24 \%$. Egg weight found that the average $T_0 = 64.77$ gram, $T_1 = 64.42$ gram, $T_2 = 63.96$ gram and $T_3 = 60.28$ gram. After being analyzed about the variant among treatment, it shows that dump frog flour given very real deviation $(P<0.01)$ toward hen day production and given real deviation $(P>0.01)$ toward egg weight. In conclusion, there was an influence of treatment of dump frog flour in feed formulation toward hen day production, which its influence was square to the optimal point at level $6 \%$; and for egg weight, its influence was linear to the optimal point at the level $6 \%$.

Kata kunci: Ayam Petelur, Tepung Limbah Katak, Berat Telur, Produksi Telur.

PENDAHULUAN

Pakan mempunyai peranan yang sangat penting dalam suatu proses produksi ternak. Kebutuhan pakan untuk ayam petelur menempati posisi yang paling tinggi dari keseluruhan biaya yang harus dikeluarkan oleh setiap peternak, yaitu berkisar 60 sampai 80 persen dari keseluruhan biaya produksi.

Tepung ikan dan bungkil kedelai sebagai sumber protein pada pakan ayam petelur masih digunakan manusia untuk campuran berbagai macam ransum sebagai sumber bahanpakan utama. Kebutuhan itu setiap waktu terus meningkat sehingga persediaan bahan

1 Staf Pengajar Jurusan Proter Fak. Peternakan Perikanan, UMM