

## ABSTRACT

**Muhammad Zaynuril Arifin A.1710623.** Effect of Gelugur Acid Leaf Flour (*Garcinia Atroviridis*) In Fermented Rations on the Composition of Female Tegal Duck Carcasses Growth Period. Under immediate supervision of Dede Kardaya and Dewi Wahyuni

---

Duck is one type of poultry that has the potential to be developed because of its easy maintenance and high survival. The purpose of this study was to determine the effect of the administration of gelugur acid leaf flour in fermented nonconventional rations on the carcass composition of local duck females. The study was conducted in April - June 2020, in the poultry cage of the Animal Husbandry Study Program of the University's Faculty of Agriculture, Djuanda Bogor. The study used RAL with 4 treatments and 3 repeats, each unit consisting of 2 tails. Treatment consists of: R0 = 100% ration without flour leaves acid gelugur (control), R1 = 100% ration + 2% flour leaves acid gelugur, R2 = 100% ration + 4% flour leaves gelugur acid, R3 = 100% ration + 6% flour leaves gelugur acid. The observed variables were the percentage of chest (chest, breast flesh, breastbone, breast skin), thigh percentage (thigh, thigh flesh, thigh bone, thigh skin), meat and breastbone balance, meat and thigh bone balance, flesh and breast skin balance, meat balance and thigh skin. The results of this study showed that the effect of the administration of gelugur sour leaf flour (*Garcinia atroviridis*) in nonconventional rations fermented to a level of 6% real effect ( $P < 0.05$ ) on the percentage of thighs, no real effect ( $P > 0.05$ ) on the percentage of flesh and breast balances, meat and thigh bones balances, meat and breast balances, meat balances and thigh skin. From the results of this study it can be concluded that the effect of gelugur acid leaf flour up to a level of 6% has no effect on the percentage of the chest, but the administration of 4% of gelugur acid leaf flour is able to affect the percentage of the thigh.

*Key Words : Gelugur Acid Leaves, Carcass composition, female tegal duck*

## ABSTRAK

**Muhammad Zaynuril Arifin A.1710623.** Pengaruh Tepung Daun Asam Gelugur (*Garnicia Atroviridis*) Dalam Ransum Nonkonvensional Terfermentasi Terhadap Komposisi karkas Itik Tegal Betina Masa Pertumbuhan. Dibimbing oleh Dede Kardaya dan Dewi wahyuni.

---

Itik merupakan salah satu jenis unggas yang berpotensi untuk dikembangkan karena pemeliharaannya yang mudah dan mempunyai ketahanan hidup yang tinggi. Tujuan dari penelitian ini mengetahui pengaruh pemberian tepung daun asam gelugur dalam ransum nonkonvensional terfermentasi terhadap komposisi karkas itik lokal betina. Penelitian ini dilaksanakan pada bulan April – Juni 2020, di kandang unggas Program Studi Peternakan Fakultas Pertanian Universitas Djuanda Bogor. Penelitian ini menggunakan RAL dengan 4 perlakuan dan 3 ulangan, masing-masing unit terdiri atas 2 ekor. Perlakuan terdiri atas: R0 = 100% ransum tanpa tepung daun asam gelugur (kontrol), R1 = 100% ransum + 2% tepung daun asam gelugur, R2 = 100% ransum + 4% tepung daun asam gelugur, R3 = 100% ransum + 6% tepung daun asam gelugur. Peubah yang diamati adalah persentase dada (dada, daging dada, tulang dada, kulit dada), persentase paha (paha, daging paha, tulang paha, kulit paha), imbangan daging dan tulang dada, imbangan daging dan tulang paha, imbangan daging dan kulit dada, imbangan daging dan kulit paha. Hasil penelitian ini menunjukkan bahwa pengaruh pemberian tepung daun asam gelugur (*Garcinia antroviridis*) dalam ransum nonkonvensional terfermentasi hingga taraf 6% berpengaruh nyata ( $P < 0,05$ ) terhadap persentase paha, tidak berpengaruh nyata ( $P > 0,05$ ) terhadap persentase dada imbangan daging dan tulang dada, imbangan daging dan tulang paha, imbangan daging dan kulit dada, imbangan daging dan kulit paha. Dari hasil penelitian ini dapat disimpulkan bahwa pengaruh tepung daun asam gelugur sampai tingkat 6% tidak berpengaruh terhadap persentase bagian dada, namun pemberian 4% tepung daun asam gelugur mampu mempengaruhi persentase bagian paha.

*Kata Kunci : Daun Asam Gelugur, Komposisi Karkas, itik tegal betina*