

Title : The Utilization of Oil Palm Kernel Meal in Batong Native Breed Diets

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This study investigates the utilization of oil palm. kernel meal in Native Batong Chickens' diets. Palm Kernel meal was incorporated into the Batong diets at levels of 0, 10, 15 and 20 percent. One hundred one-day old Batong Chicks were randomly allocated into 4 groups each of 5 replications, in randomized complete block design. The results showed that at levels of 15 percent and 20 percent, weight gain was significantly less than for the 0 percent diet. Increasing levels of oil palm kernel meal decreased the feed intake of chickens. However, there were no significant differences between the groups in respect of feed conversion rate, (F.C.R.). The final carcass weight between the groups were not significantly different. Nor were there significant differences between cost per Kg. weight gained of the four groups.

The result of this study suggested that no more than 15 percent of oil palm kernel meal in Batong native breed diet could be the optimum level. In conclusion the use of high level of oil palm kernel meal in Batong native breed diet is limited by high fiber.