

**POTENCY LEMURU FISH OIL ON THE NON ANTIBIOTIC FEED AS A REPLACEMENT COMMERCIAL FEED TO MORTALITY, FINAL BODY WEIGHT AND PRODUCTION INDEX IN BROILER CHIKENS**

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**ABSTRACT**

The purpose of this research was to know the potency lemuru fish oil on the non antibiotic feed as a replacement commercial feed to motrality, final body weight and production index in broiler chickens. This experimental were used 20 broiler chickens *Arbor acres* strain. The chickens were devided into four treatment groups : P0 (fed with commercial feed), P1 (fed with non antibiotic feed and 0% lemuru fish oil), P2 (fed with non antibiotic feed and 2% lemuru fish oil), P3 (fed with non antibiotic feed and 4% lemuru fish oil). The results showed that there were not significantly different ( $p>0.05$ ) to mortality, that there were not significantly different ( $p>0.05$ ) to final body weight, that there were not significantly different ( $p>0.05$ ) to production index. The result concluded that lemuru fish oil on the non antibiotic feed to feed until 4% just as good the mortality, can't increase the value of final body weight and production index.

Key Words : Broiler, lemuru fish oil, mortality, final body weight, production index