

ABSTRACT

HERKULANUS TOMAS; Effect of mulberry leaf meal (*Morus alba*) in the diet on the performance of broiler chickens; Supervised by Budi Prasetyo and Joko Irsan Sanyoto.

The aim of this research was to determine the effect of *Morus alba* leaf powder in ration to broiler performance. The experimental design used in this study was completely randomized design (CRD) with 4 treatments and 5 replication. The treatments were added *Murraya paniculata* leaf powder P1 (control), P2 (1% *Morus alba* leaf powder), P3 (3% *Morus alba* leaf powder), P4 (6% *Morus alba* leaf powder). The result of this study indicates that the addition of *Murraya paniculata* in the level of 1%-6% of feed were not significantly different ($P>0.05$) on feed intake and body weight gain. *Morus alba* in the level of 1%-6% of feed were significantly different ($P<0.01$) on feed conversion.

Key word : *Morus alba*, leaf powder, broiler performance.