

ABSTRACTION

Nitasari, Devi Nofia. 2013. **The Effect of Supplying Milkfish Waste to Carcass Quality and Broiler Abdominal Limit**. Biology Department Thesis. Science and Technology Faculty of Maulana Malik Ibrahim State Islamic University Malang. Advisor I: Dr. RetnoSusilowati, M.Si. Advisor II: Dr. MunirulAbidin, M.Ag

Key: milkfish waste, abdominal fat, and quality of broiler.

The problem of broiler animal husbandry effort is fulfillment of woof requirement with has high quality. But the obstacle is materials availability, especially about fish powder because 95% is import. The most important result of broiler breeder is has high quality of carcass and low fat. Milkfish waste contains of nutrition; 64,69% protein, it makes fish powder was changed by the milkfish waste. In this research use milkfish waste about 0%, 5%, 7,5% and 10% concentration.

It is experimental research by using RAL (perfect random program) with 4 treatments and 5 repetitions. Analyzing data is by using annova one way. Then test by BNJ 0,01 experiment for presenting the carcass, whereas BNT 0,01 experiment is for fat broiler.

The research result showed by giving milkfish waste is very real influential ($P < 0,01$) to broiler carcass presentation. BNJ experiment showed P1, P2, P0 result same carcass presentation the average is 61,45%, 62,02%, 62,86% but very real influential from p3 the average is 65,48%. The research result showed by giving milkfish waste is very real influential ($P < 0,01$) to broiler fat quality, BNT experiment showed p1, P2 and P3 the average is P3 22,60%, 21,65%, 20,67% could increase broiler fat quality from P0 (control) the average is 23.85%. Using milkfish waste to abdominal fat is not really different ($P > 0,05$) but it tends decreasing abdominal fat with average is about P0 2,09%, P1 1,96%, P2 2,2% and P3 1,68%. from the result of milkfish waste gift showed that using 10% milkfish waste, have the impact increasing carcass presentation, decreasing broiler fat quality, and decreasing broiler fat abdominal.