

ABSTRACT

Ni'mawati, Tessa 2011. The influence of Use of Soy Sauce Grounds as Substitutes of Soybeal Meal in Rations on Carcasses Percent, Content of Meat Fat , And Abdominal Fat In Chicken Broiler of Period Grower . Thesis of Biology Department , Science and Technology Faculty, The State Islamic University of Maulana Malik Ibrahim Malang .
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Key: Percentage of Carcasses, Content of Meat Fat , and Abdominal fat.

The Problems of the broiler chicken farm is determined by the high-quality feed. But but it is often constrained by availability of raw materials, as particularly soybean meal which is still a imports materia. Waste of soy containing protein for about 21-34% can be potentially livestock feed. the high Fatty of broiler chickens, excess consumption for long time, can negatively impact to the health. The purpose of this study to determine The influence of use of soy sauce grounds as Substitutes of Soybeal meal in rations on Carcasses Percent, Content of Meat Fat , And Abdominal Fat In Chicken Broiler of Period Grower.

This research is experimental using Completely Randomized Design (CRD) with 4 treatments and 5 replications. Independent variables used include the concentration of soy dregs as a substitute of soybean meal in the rations used is (P0) 0%, (P1) 10%, (P2) 20%, and (P3) 30%, the parameters which becomes object study includes pesentase carcass, content of meat fat , and abdominal fat of broiler chicken, strains Lohmann PT Multibreeder Adirama Indonesia . The research data were analyzed One-way ANOVA. If the calculation results significantly different, then it is conducted further tests with LSD 0.05.

The results showed that The use of soy sauce grounds as Substitutes effect significantly ($P < 0.05$) to the carcasses percentage of broiler chicken . LSD showed $P1 = P2 = P0$ with an average of 70.31 per treatment; 70.83; 70.06, and P3 with an average of 63.15 is the lowest percentage of carcasses. The use of soy sauce grounds as Substitutes of Soybeal meal also significantly influenced content of meat fat ($P < 0.05$). LSD showed P1, P2, P3 with an average of 27.93: 26.69: 24.33; 22:51 can reduce levels of meat fat from P0 (control). The use of soy sauce grounds as Substitutes against abdominal fat were not significantly different ($P > 0.05$) tends to deccreas abdominal fat average P0 1.87; P1 1.79; P2 1.99; P3 1.76. From the results of research the influence of use of soy sauce grounds as Substitutes of Soybeal meal in rations showed that the use of soy sauce grounds as Substitutes in percentage of 10% effect increase the percentage of carcasses, decrease levels of meat fat , and tends to lose abdominal fat of broiler in period grower.