

Effectiveness of the Application of the Step Down Protein Program on the Physical Quality of Broiler Meat

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ABSTRACT

This study aims to determine the effect of step down protein feed on broiler meat quality as much as what percentage of protein used in the feed. Step down protein system is an effort to maintain broilers by reducing the protein nutrient content in feed. This study uses a completely randomized design (CRD) method consisting of 6 treatments and 4 replications. The test parameters consist of pH test, water holding capacity test, cooking shrinkage test, and tenderness test. The results showed that the step down program had a significant effect on the pH and tenderness of meat.

Keyword: Step Down, Broiler, physical quality of meat