

*Effect Of Cage Density On Body Weight Gain Of Free-Range Chicken
Grower Phase*

Azizah ulfatus sholiha

Poultry Business Management Study Program

Department of Animal Husbandry

ABSTRACT

The purpose of this study was to determine the ideal cage density of free-range chicken grower phase. The material used is a cage measuring 1x1m² and 135 free-range chickens grower phase age 5 weeks. The method used in this study is a field using a complete randomized design with 3 treatments 3 replications so that there are 9 experimental units of treatment performed is the treatment of P1 (10 tail/m²), P2 (15 tail/m²), P3 (20 tail/m²). The parameters observed were feed consumption, weight gain and feed conversion from 5-11 weeks of age. The resulting Data were analyzed by Anova test if it shows that the treatment of real Cage density at the level of 5%, then followed by BNT Test. Random sampling of 10 individuals from each group was carried out once a week with variables observed feed consumption, weight gain and feed conversion. Weighing of body weight and feed residues is carried out weekly during the maintenance period. The results of this study can be concluded that the performance of free-range chicken grower phase of each treatment with a population percentage of P1 (10 tail/m²), P2 (15 tail/m²) and P3 (20 tail/m²) showed no significant effect $P > 0.05$ or non significant.

Keywords: *Free Range chicken, cage density, performance*