

ANTI PROLACTIN AS TREATMENT TO SALVE EGG DECREASE PROBLEM ON LAYER THAT GET HEAT STRESS

YUDHA INDRAWAN

ABSTRACK

The aim of reseach was to salve egg decrease problem on broiler that get heat stress use anti prolactin as treatment to increase egg production. Intra muscular injection was done at pectoralis regio of chicken.

Anti prolactin work on prolactin netralisation in chicken body is on antibody and antigen reaction. In this reseach anti prolactin is antibody that was injected eksogenly with purpose made relation on antigen in chicken body.

Anova (analysisist of variant) and Factorial Design were using in this reseach. The analysis result show that there are nighly significant ($P < 0,01$) between control and other treatment on different dose and time that need to give (week). There also an interaction between treatment ($P < 0,01$). The result show that anti prolactin injection in $50\mu\text{g}$, $100\mu\text{g}$, and $200\mu\text{g}$ could be increase egg production on broiler that get heat stress.

The conclusion of this reseach is anti prolactin injection in $100\mu\text{g}$ and $200\mu\text{g}$ dose could decrease and return egg production of broiler with heat stress in first week of treatment.

Key word : Heat Stress, Anti Prolactin