SKRIPSI

EFEKTIFITAS EKSTRAK BAWANG PUTIH
(Allium sativum L.) TERHADAP TITER ANTIBODI
AYAM BROILER YANG DIVAKSIN ND AKTIF

Oleh :

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THE EFFECTIVENESS OF GARLIC (*Allium sativum* L.) EXTRACT IN CHICKEN BROILER'S TITER ANTIBODIES THAT VACCINATED WITH ND LIVE

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ABSTRACT

The aims of this research is know the effectiveness of garlic extract to increase chicken broiler's titer antibodies that vaccinated with live ND vaccine. This research uses four different groups of treatments such as; P0, P1, P2 and P3. Treatments of garlic extract is given when the age of the chicken is 7 to 35 days. Live ND vaccine is given when the age of the chicken is 4 days, the vaccine is given through the eye drops, other side, chicken with 21 days is given through drinking water. Broiler's titer antibodies can be checked on 4, 7, 21, 28 and 35 days. The data is analyzed by ANOVA and continued by BNJ. The result showed there is no significant differences between P0, P1, P2 and P3 on day of 21 and 28. The other hand there is significant differences between P0, P1, P2 and P3 on day of 4, 7 and 35. ND's titer antibodies are maintained when the chicken is in the age of 35 days at P3 treatment. In conclusion, treatments with garlic extract can not increase broiler's titer antibodies that vaccinated with ND live.

Key words: garlic extract, live ND vaccine, titer antibodies.