ABSTRACT

YASMIN H BAISA. The Performance of Broiler Chicken vaccinated with various dosages of IBD Blend vaccine Strain Winterfield 2512. Under direction of SRI MURTINI and RETNO D. SOEJOEDONO.

This study was aimed to investigate the performance of broilers vaccinated with vaccines IBD Blend strain Winterfield 2512 in Day Old Chick (DOC). The number of chicken used in this study was 165. The experimental chickens were divided into four groups, each group consisted of 35 chick. At day first, 25 DOC were weighed and bleed to collect the sera, to measure the base live performance, weight gain, and feed intake. Observation of the performance were done four weeks. The first group K1 (Broiler vaccinated with vaccine ND inactivated and vaccine IBD activated 1 dose), K2 (Broiler vaccinated with vaccine ND inactivated and vaccine IBD activated 0,5 dose), K3 (Broiler vaccinated with vaccine ND inactivated and vaccine IBD activated 0,25 dose), and K4 (Broiler vaccinated with vaccine ND inactivated and IBD unvaccinated as a control). The variables measure are body weight, weight gain, feed intake, FCR, live percentage and index performance (IP). The data four each group was analyzed using analysis of variance (ANOVA) continue with duncan test to showed the difference between each group. The result showed that the best performance was obtained by full dose group. The performance between vaccinated group unsignificantly, but the performance between unvaccinated group all vaccinated group were significantly different.

Keywords: feed conversion, performance index, IBD Blend Strain Winterfield 2512 vaccine, Vaccine ND.