

***Synbiotic Prebiotics and Probiotic Candidates Fermented Snail Meat Against
Lymphoid Organs of super free-range chicken
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ABSTRACT

Most breeders still use antibiotics to increase antibodies in chickens, however, this is not good for the health of super free-range chickens. The purpose of this study was to determine the effect of giving prebiotic synbiotics and fermented snail meat probiotic candidates on the lymphoid organs of super free-range chicken and determining the level of use of prebiotic synbiotics and fermented snail meat probiotic candidates on the lymphoid organs of super free-range chicken. The materials used are super free-range chicken, formulated feed, fermented snail meat, and peanut shell extract. The research method used a completely randomized design (CRD) with 4 treatments and 5 replications. The percentage of each treatment with the addition of synbiotics was P0 (0 ml), P1 (5 ml), P2 (10 ml), and P3 (15 ml) based on the total ration requirement. Parameters observed were the relative weight of the thymus, the relative weight of the spleen, and the relative weight of the fabric bursa. The data analysis used was using Microsoft excel and if there was a significant difference Duncan would test it further. The results showed that the addition of synbiotic fermented snail meat and peanut shell extract had a no significant effect on the relative weight of the thymus, spleen, and bursa of fabric. The addition of sinbiotic fermented snail meat and peanut shell extract can be used up to 15 ml level.

Key words : *super free-range chicken, relative weight of lymphoid organs, fermented snail meat, peanut shell extract*