THE INFLUENCE OF PROBIOTIC AND *CHLORELLA* IN LOW PROTEIN FEED OF EGG TOTAL, WEIGHT AND PROTEIN CONTENT AT LAYER

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ABSTRACT

These research was aimed to know the effect of giving probiotics and *chlorella* in egg total, weight and protein content in egg, 28 layer strain Lohman at age 16 weeks. The weight is approximately 1,4 kg. the chickens then divided into 4 groups. The first group (P_0) was given consentrate (basal protein) without probiotics-*chlorella* supplementation, second groups (P_1) was given low protein feed without probiotics-*chlorella* supplementation, third group (P_2) was given low protein feed with probiotics supplementation and the fourth group (P_3) was given low protein feed with probiotics-*chlorella* supplementation. Collecting data for total egg and egg weight since beginning of lays eggs and calculated at last week of research. The examination of egg sample for protein content was consigned at last week of research. The research showed significantly difference ($p \leq 0,05$) which P_1 has lowest egg amounts than P_0, P_2 and P_3 which P_0, P_2 and P_3 not significantly different. The result of egg weight and egg total protein is not significantly different between each group.

Key words : probiotic, *chlorella,* egg total, egg weight, protein content