

Level of Protein in the Ration to Feed Efficiency Super Chicken Starter Phase

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ABSTRACT

Protein is polymer from amino acid which consist of one or two enchaining polipeptida. Amino acid in protein required by poultry for the forming of cell, changing dead cell, forming body tissue like meat, skin, egg, feathers and embrio. Intention of this research is to determine protein level capable to improve feed efficiency to super chicken at starter phase. Parameter which in determining is feed consumption, body wight gain and feed conversion. Research use complete random device (CRD) by 3 treatment of P1 (Protein 18%), P2 (Protein 16%), P3 (Protein 14%). Every treatment has 6 replicate, every replicate has 5 chicken. Result of calculation analyse statistic show usage of protein level had significant ($P \leq 0,05$) to body wight gain and feed conversion but no significant ($P > 0,05$) to feed consumption. Level of protein 18% the best chicken performance than protein level 16% and 14%.

Keywords: chicken, Protein, feed efficiency