

Analysis of Biosecurity Implementation Level Toward Performance of Broiler Farm In Sub-district Gumukmas Jember

Rendy Nugy Adyatna

**Study Program Of Business Poultry Management
Majoring Of Animal Husbandry**

ABSTRACT

This research aimed to know influence of level bio-security implementation toward performance of broiler farms in sub-district Gumukmas, Jember. The method used was descriptive method aimed describe or represent the variables research systematically, factual, and accurately as well as analyze on how about the relationship influenced variables research such as conceptual biosecurity variables, structural biosecurity, and operational biosecurity toward performance of broiler farms. The samples used was 30 broiler breeders in sub-district Gumukmas. The sampling method of this research was purposive sampling. The data was processed using multiple linear regression analysis and t value obtained as follows: conceptual biosecurity effected significant ($P<0,05$): 2,564, structural biosecurity effected significant ($P<0,01$): 3,238, and operational biosecurity effected significant ($P<0,05$): 2,066. F value calculation of 27,162 ($P<0,01$) showed all of variables simultaneously influenced toward the performance of broiler farms in sub-district Gumukmas, Jember.

Keywords: Conceptual Bio-security, Structural Bio-security, Operational Bio-security.