ANTOK DWI PRASETYO. The Risk Factor for ND Virus Infection in Sector IV Poultry Farm at Cipunagara Subdistrict Subang District. Under supervision of CHAERUL BASRI and ETIH SUDARNIKA.

The objective of the study were to determine the risk factors for ND virus infection. This research was conducted using avian health survey research data, there were 181 poultry farms didn’t do vaccination from 448 poultry farms that participated in the survey. Questionnaire used to determine risk factors. The risk factors included farmer’s characteristic, biosecurity management, and farmer’s knowledge. The data was analysed with chi-square test and the determination of relative risk value each variable to measured the association between risk factor with ND virus infection. Farming experienced and isolation sick animal were the risk factors that showed related significant with ND virus infection.

Keywords: biosecurity, ND, sector IV, risk factor.