

**COMPARISON BETWEEN TWO SUSPECTED FOWL CHOLERA
LAYER CHICKENS FARMS BASED ON THE
PRESENCE OF *Pasteurella multocida***

Novia Cahya Andina

ABSTRACT

This research was aimed to compare whether layer chickens biosecurity factor influence to the presence of *Pasteurella multocida* in two farms. Samples were 16 samples from layer chickens that suspected Fowl Cholera with criteria such as sick and/or died with green feces, torticollis-like, mouth discharge, and facial swelling. These samples obtained were 8 samples per farm. Additional information was questioner based on information taken directly from the farmers. The questioner consists of biosecurity correlated question. The isolation and identification of *Pasteurella multocida* was done according to the biochemical characteristics. The descriptive result showed that 6.25% of samples were positive *P. multocida*. The differentiation between two farms was not clearly proved due to the biosecurity practice in the both farms were insignificant.

Key words: *Pasteurella multocida*, Fowl Cholera, chickens.