

Semen Quality of Native Chicken With a Retail Level and at Different Times

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ABSTRACT

This study aims to determine semen quality of native chicken with a retail level and at different times. The material used in this study are cement 25-month-old domestic poultry. The old store at room temperature was 0, 60 and 120 minutes with 3 replications. Dilution ratio of semen with diluent 1: 1, 1: 4, 1: 7, 1:10. The variables measured were the motility and viability of spermatozoa. The method used is the method of experiment using a completely randomized design (CRD). Statistical analysis showed that long-range chicken cement store at room temperature with physiological saline diluent for 0, 60, and 120 min was highly significant ($P < 0.01$) against the individual motility and viability. Average individual motility in storage for 0, 60 and 120 minutes, respectively, are 60-80%, 45-60%; and 10-40% while the average viability of each is 79-87%; 63-72%; and 38-53%. It can be concluded that the motility and viability of spermatozoa of domestic poultry has decreased gradually as the old store

Keywords: semen quality, native chicken semen, diluent level,