

**INFLUENCE of ADDITION C VITAMIN IN DILUTER  
RINGER'S FRUCTOSE TO VIABILITY AND  
MOTILITY SPERMATOOZA of  
DOMESTIC FOWL  
(*Gallus Domesticus*)**

**Muchammad Khabib**

**ABSTRACT**

The aim of this study is to find out the influence of addition C vitamin in diluter ringer's fructose to endurance of viability and motility spermatozoa of domestic fowl with perception 120, 90, 60, and 30 minutes. This research use sample semen from 8 tails of domestic fowl 13 old month. Each sampel divided to become two group of treatment that is controle without added by C vitamin and C vitamin 0.2 mg/ml diluter. Each group of treatment kept at temperature 25 °C and every 30 minutes checked by motility and viability until 120 minutes. The data were analyzed by *Two Way Univariate ANOVA and Duncan Test* using *SPSS for windows 13.0*. The result of research indicate that addition of C vitamin in diluter ringer's fructose can improve viability and motility spermatozoa of domestic fowl.

*Key words* : spermatozoa, vitamin C, fowl, motility, viability