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

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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 Univaried 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