

**THE EFFECT OF SKIM MILK - GOOSE EGG YOLK EXTENDER ON  
MOTILITY AND VIABILITY OF LIMOUSIN BULL  
SPERM *POST THAWING***

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**ABSTRACT**

This research was aimed to know the motility and viability of Limousin bull sperm in *post thawing* examination in skim milk- goose egg yolk extender. This research used fresh samples of Limousin bull semen collected by using artificial vagina, then divided into 4 treatments. The control treatment (P0), Limousin bull semen with skim milk- chicken egg yolk extender, The treatment groups (P1, P2, and P3), Limousin bull semen with skim milk extender + goose egg yolk 0,25%, 1% and 1,75% respectively. Data analyses using Analysis of Variant (ANOVA) One Way followed with Duncan to determine significant differences between treatments. Result showed that skim milk extender + goose egg yolk 1,75% is the best concentration to increase motility and viability Limousin bull semen *post thawing* in this research.

**Keywords:** Limousin bull sperm, goose egg yolk skim milk extender, motility, viability.