

**UJI MUTU SEMEN BEKU DOMBA EKOR GEMUK (DEG) DALAM TIGA  
MACAM BAHAN PENGECER YANG BERBEDA  
INTAN PURWA DEWANTARI**

Hasutji Endah Narumi, drh., M.P

KKC KK KH 36 11 Dew u

**ABSTRACT**

This research was aimed to find the motility percentage of the sperms of fat tailed-sheep in 3 Different kinds of semen extenders with water incubator examination. This research used of fat tailed-sheep's fresh semen samples collected in artificial vagina, then were treated with three treatment, egg yolk skim (P0), egg yolk tris (P1), and Andromed® (P2) extenders. Then it was the freezing process. Then it was examined to determine sperm quality including sperm motility percentage after water incubator inspection. The data collected was analyzed by ANOVA (*Analysis of Variant*), followed by Tukey test. The result showed was significant difference between control and treatment ( $P < 0,5$ ). In this research the highest sperm motility percentage was that of egg yolk tris extenders but no significant differently to Andromed® extenders.

**Key words :** frozen sperm, fat-tailed sheep, different semen extenders