ABSTRACT

Egg yolk contain lecithin unci lipoprotein which protected spermatozoa during freezing process semen. The Research was done to observe influence of egg yolk (lose in the semen extender on the quality of garut rams frozen semen. Semen was collected once a week using artificial vagina from six mature garut rams. The result indicated that quality of frozen semen in the semen extender with egg yolk dose 20% higher than close 10%. The percentages of plasma membrane intact in the semen extender with egg yolk dose 20% (55.1 = 69% 2.6%).

In conclusion the semen extender with egg yolk dose 20% is optimal dose to improve the quality of frozen semen of garut rams.