

Pengaruh pemberian berbagai konsentrasi susu skim terhadap kualitas spermatozoa ikan koi (*Cyprinus carpio*, Linnaeus 1758) 24 jam pascakriopreservasi = The effect of skim milk in various concentration on spermatozoa quality of koi (*Cyprinus carpio* Linnaeus 1758) 24 hours cryopreservation

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Abstrak

Telah dilakukan penelitian mengenai kriopreservasi ikan koi *Cyprinus carpio*, Linnaeus 1758 menggunakan berbagai konsentrasi susu skim yang dikombinasikan dengan metanol 10. Tujuan penelitian adalah mengetahui pengaruh konsentrasi susu skim 0, 5, 10, 15, 20, 25 yang dikombinasikan dengan metanol 10 terhadap kualitas spermatozoa ikan koi 24 jam pascakriopreservasi. Hasil uji ANAVA satu faktor menunjukkan pemberian berbagai konsentrasi susu skim memiliki nilai rata-rata persentase motilitas, viabilitas, dan abnormalitas spermatozoa ikan koi 24 jam pascakriopreservasi yang berbeda nyata.

*Cryopreservation of koi *Cyprinus carpio*, Linnaeus 1758 spermatozoa using various concentrations of skim milk combined with 10 methanol has been studied. The objective of the study was to know the effect of skim milk in various concentration on spermatozoa quality of koi *Cyprinus carpio*, Linnaeus 1758 postcryopreservation. The one factor ANOVA showed that various concentrations of skim milk had a significant difference.*