

Pengaruh pemberian berbagai konsentrasi santan kelapa terhadap kualitas spermatozoa ikan koi (*Cyprinus carpio*, Linnaeus 1758) 48 jam pascakriopreservasi = The effect of coconut milk in various concentrations on spermatozoa quality of koi (*Cyprinus carpio*, Linnaeus 1758) 48 hours postcryopreservation

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Abstrak

Penelitian mengenai pengaruh pemberian berbagai konsentrasi santan kelapa terhadap kualitas spermatozoa ikan koi *Cyprinus carpio*, Linnaeus 1758 48 jam pascakriopreservasi telah dilakukan. Penelitian bertujuan untuk mengetahui pengaruh pemberian kombinasi metanol 5 dengan berbagai konsentrasi santan kelapa 0, 2, 4, 6, 8, dan 10 terhadap motilitas, viabilitas, dan abnormalitas spermatozoa ikan koi 48 jam pascakriopreservasi. Semen ikan koi yang dilakukan pada penelitian diperoleh dengan cara pengurutan stripping dan selanjutnya dievaluasi secara mikroskopis dan makroskopis. Hasil evaluasi selanjutnya diolah secara statistik dengan uji normalitas Saphiro-Wilk, uji homogenitas Levene, uji analisis variansi ANAVA faktor tunggal, dan uji perbandingan berganda Tukey. Hasil uji ANAVA satu faktor menunjukkan adanya perbedaan nyata.

*Research about effect of various concentration of coconut milk on spermatozoa quality of Koi Fish *Cyprinus carpio*, Linnaeus 1758 48 hours postcryopreservation has been done. The research aims to know the effect of 5 methanol and various concentrations of coconut milk 0, 2, 4, 6, 8, 10 on motility, viability, and abnormality on Koi fish's spermatozoa 48 hours postcryopreservation. Koi fish's milt in this research was collected by stripping method and then evaluated microscopically and macroscopically. Results obtain are further assayed statistically with Saphiro Wilk normality test, Levene homogeneity test, one way Anova test, and Tukey multiple comparison test. One way Anova test showed that various concentration of coconut milk had significant different.*