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TOXICITY TESTING OF OIL DISPERSANT ON *PENAEUS MONODON*

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ABSTRACT

Toxic effects of the oil dispersants Corexit 9527 and BP 1100-X were studied in Thailand. Static acute bioassay with standard reference toxicant (DSS), was carried out on tiger prawn (*Penaeus monodon*) at post larval stage (28-30 days old). Oxygen level (>3 ppm), pH, and temperature were maintained as constant as possible throughout the tests. Probit analysis was applied to determine the 24, 48 and 96 hrs LC 50 at 95% confidence limit. Corexit 9527 was more toxic, and led to delayed moulting as compared to BP 1100-X.