THE EFFECTS OF COLOURS OF LIGHT IN RELATION TO GROWTH AND SURVIVAL OF JUVENILE GIANT CLAM *TRIDACNA DERASA*

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ABSTRACT

Growth and survival rates of juvenile *T. derasa* were tested in the laboratory in relation to blue, violet, green, red, and day light (3 replications). Blue light supported the highest absolute growth and survival rates followed by green, red, and day light (control). The lowest average growth and survival rates were found in ultra violet light. The values in ultra violet light were significantly different from growth and survival in juveniles exposed to other wave lengths.