

# **GROWTH OF *TRIDACNA SQUAMOSA* JUVENILES IN DIFFERENT DOSES OF GROWTH HORMONE**

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Juvenile *Tridacna squamosa* (about 5 cm shell length) were treated with growth hormone at the Marine Station of Hasanuddin University, Barang Lompo Island, South Sulawesi, Indonesia. The aim was to see how growth was stimulated by different doses of the hormone somatotropin manufactured by Mansato Co., USA. Four concentrations were employed, with three replications of each. Growth and survival of the juvenile were measured two times. The result showed significant difference in absolute growth (weight increment,  $P < 0,05$ ) at a dose of 0.5 ml/ind. However, other combinations of size and hormone did not result in significant differences in terms of shell increment and survival.