

ALGAE GROWTH IN JEPARA SHRIMP POND RELATED TO THE NATURAL SEAWATER SUPPLY

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Abstract

Algae growth was monitored during the 1997 operation of shrimp grow out in BADC experimental pond. The pond was supplied with sea water system from open shore line. Algae collection were taken from 2 point in the open shore line and 6 point in the pond system weekly. The algae species were identified and presented in table for corelation. It is seen that main species was always found both in the sea and the pond system. Some of these species dominated the algae population in pond. While the algae population in the sea fluctuate regularly and the species composition in pond will depend on the existing algae population and water management.

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