The Effect of Seasons on Yield and Quality of Carrageenan rrom Tanzanian Red Alga *Eucheuma Denticulatum* (Gigartinales, Rhodophyta)

Author(s)
A.S. Buriyo
A.K. Semesi
M.S.P. Mtolera

Abstract

Samples were collected monthly from Oyster Bay, Dar es Salaam. Light, temperature, salinity, pH, seawater nitrogen and phosphorus were determined on each sampling period. Mean carrageenan yield was significanlly higher during the SE monsoon period ($t = 6.15$, $P<0.05$). Gef strength was significantly higher during NE monsoon period ($t = 2.61$, $P<0.05$) and lower during the start of the rainy season particularly in March.