

Continuous and Semicontinuous culture for efficient production of *Chlorella* sp.

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Microalgae production system have mainly been limited to batch culture. For economic reasons this may not be the most appropriate approach. Continuous culture and Semicontinuous culture culture of microalgae *Chlorella* sp. is described. Dilution rate, cell density, productivity were investigated in a laboratory scale single-stage continuous culture. In continuous culture, dilution rate is specific growth of batch culture. At the experimental date of batch culture, specific growth rate is 0.005h^{-1} .