Physical-chemical methods for the control of algal species and composition in algal culturing facilities

College of Marine Studies, University of Delaware - Use of Algae in Ecological Assessments

Description: -
-
United States -- Appropriations and expenditures, 1998.
Budget -- United States.
Refrigeration and refrigerating machinery.
Air conditioning -- Equipment and supplies.
Hadith -- Authorities -- Early works to 1800
Archives -- Turkey -- History -- Sources.
United States -- History -- Civil War, 1861-1865 -- Drama
Gettysburg, Battle of, Gettysburg, Pa., 1863 -- Drama
Fasts and feasts -- Judaism.
Religious calendars -- Judaism.
Judaism -- Customs and practices.
Social surveys
Lesbians -- Fiction.
Society of Friends.
Animals -- Fiction.
Mother and child -- Fiction.
Mineral industries -- Japan.
Trees -- Diseases and pests -- Ontario -- Hearst Region.
Forest insects -- Ontario -- Hearst Region.
Evaluation.
Soil scientists -- Soviet Union -- Biography.
Geologists -- Soviet Union -- Biography.
Geographers -- Soviet Union -- Biography.
Asparagus.
Physics -- Study and teaching (Elementary)
Magnets
Marine algae culture.Physical-chemical methods for the control of algal species and composition in algal culturing facilities
-
DEL-SG -- 8-76.
Sea Grant publication -- no. DEL-SG-8-76.Physical-chemical methods for the control of algal species and composition in algal culturing facilities
Notes: The information in this report was also presented in a paper at the Seventh Annual Meeting of the World Mariculture Society, San Diego, California, January 26-29, 1976.
This edition was published in 1976

Tags: #Physical-Chemical #Methods #For #Control #Of #Algal #Species #And #Composition #In #Algal #Culturing #Facilities

Development of integrated culture systems and harvesting methods for improved algal biomass productivity and wastewater resource recovery

In a specific embodiment, algae remain in a covered raceway pond for 24 hours before being transferred to the next stage in the series.

Physical

Tsai KP, Uzun H, Chen H, Karanfil T, Chow AT. Systems and economic analysis of microalgae ponds for conversion of CO 2 to biomass. The present inventor has found that in order to maintain algae in the exponential growth phase, the algae must be successively diluted in order to maintain a low algal cell density, thereby mimicking natural algal bloom conditions and maintaining cellular physiology that promotes rapid growth.

Journal: Algal research / Publication Year: 2020 / Source: 2020 v.51

Rajasekhar P, Fan LH, Nguyen T, Roddick FA.

US9295206B2

While working on these and other projects, Dr. Plewa MJ, Wagner ED, Richardson SD, Thruston AD, Woo YT, Mckague AB.

WO2007025145A3

Department of Energy's Aquatic Species Program: Biodiesel from Algae; Close-Out Report, NREL Report No. He is author of over 250 books, papers, and articles. The complete genome sequence of the algicidal bacterium Bacillus subtilis strain JA and the use of quorum sensing to evaluate its antialgal ability.

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