

Algae Culturing Project Kit for 25 Students: 7-14 day project



Cat. No. ACK-009

Lot. No. (See product label)

Product Name

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Product Overview

Students will use the scientific method to learn about the importance of algae in aquatic systems: the process of photosynthesis, algae's role in the food web, algae's sensitivity to water quality, and algae's impact on water quality through events like harmful algal blooms (HABs). This lesson offers endless opportunities for discussions on topics like nutrient acquisition, effects of climate change, human impacts and nutrient pollution, dead zones and HAB's, aquaculture, resource limitations, trophic transfers, predator prey interactions, and much more.

Module Contents

- 1-Liter bottle of Nannochloropsis algae
- 25 individual test tubes and labels
- Small vial of nutrient media and bag of salts
- 25 secchi sticks
- Algae culturing manual
- Detailed Lesson plan, 8-pages
- Data collection sheets

Experiments

You will need:

- A gallon of spring water.
- Large bucket to mix the media.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY