

## **Algaculture & Biofuel Class Presentation Guide**

**Directions:** While observing the class presentations, please answer the following questions. The questions are not in order of the presentations, so you may answer later questions before answering earlier questions.

1. How can we tell that photosynthesis is taking place in algae samples?
2. How can we tell whether algae is growing or not?
3. What color of light results in more photosynthesis?
4. How does light intensity affect algae growth?
5. How does the presence of carbon dioxide affect algae growth?
6. What concentration of nitrogen is most effective in promoting algae growth?
7. List 3 of the 5 essential factors in algae growth:
  - a.
  - b.
  - c.