



Algae: The Future of Biofuels



Algae Quick Facts

- ❖ Algae are the fastest growing photosynthetic organism known to exist, yet are not truly plants.
- ❖ Algae contain oil which can be used to produce biofuels.
- ❖ Algae produce more than 71% of the Earth's oxygen.
- ❖ Algae help remove Carbon Dioxide from the air.
- ❖ Algae are a large and diverse group of simple organisms.
- ❖ Algae are found in nearly every life supporting region of the planet.
- ❖ Many types of algae are used as food.

Different types of Algae

Cyanobacteria
(blue-green algae)



Rhodophyta
(red algae)



Chlorophyta
(green algae)



Heteromontophyta
(brown algae)



Algae Based Biodiesel Production Process

