

Name _____

Algae: The Green Giants of Industry

Short Answer Key

1. Biofuel production.
2. Algae convert sunlight and carbon dioxide into oils through photosynthesis, which can be harvested and refined into biodiesel.
3. Nutraceuticals, pharmaceuticals, wastewater treatment, and cosmetics.
4. Algae have the ability to absorb and metabolize pollutants, purifying contaminated water sources and restoring ecosystems.
5. Algae extracts are incorporated into skincare products to hydrate the skin, reduce inflammation, and promote collagen production.

