

The National Algae Association announces the first commercial closed-loop photobioreactor Challenge for the commercial algae production industry. Testing will be conducted at select local US and international university microbiology and engineering departments for a period of one-year. Materials of all commercial PBR's will be provided by manufacturers for the tests. All test results will be announced to the algae industry.

Purpose:

To help the commercial algae production industry and investment community identify the "Best commercial PBR's on the market".

Requirements:

1. All commercial PBR's must be proven outside the lab, scalable and have a low CAPEX.
2. Water volume must be between 1000-2000 gallons range per system.
3. Only polyethylene, polycarbonate or glass materials tubes will be used. (horizontal or vertical)
4. All pumps, lighting, instrumentation will be provided at local university test sites in the US and throughout the world.

Data collected:

1. Algae growth rates
2. Grams per liter dry weight
3. Degradation
4. Ease of cleaning
5. Energy inputs
6. Use of Nutrients/CO2

For further information to have your commercial PBR tested contact:
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