



SMART
MICROFARMS

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NEW! Algae Microfarms Book

September 2013

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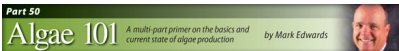
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ALGAE 101

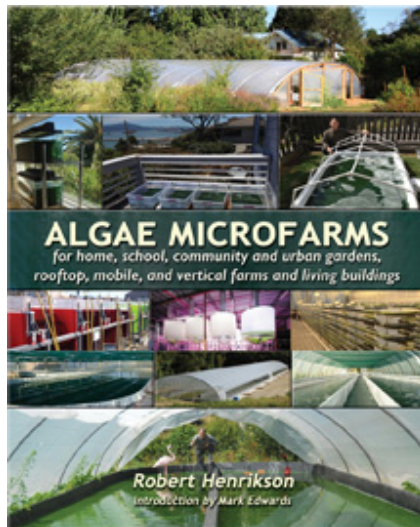
For several years, **Mark Edwards** has been authoring the popular **Algae 101** blog for Algae Industry Magazine on the basics, the breakthroughs and the current state of global algae production and

Greetings!

ALGAE MICROFARMS

for home, school, community and urban gardens, rooftop, mobile and vertical farms and living buildings

By *Robert Henrikson*



August 30, 2013: *How algae microfarms can help transform our food culture by growing abundant healthy food in a very small area, affordably and profitably.*

Algae are 20 times more productive than conventional foods and are well known as nutrient dense superfoods with valuable health and medical benefits.

Over the past 30 years, large farms have grown algae for food, feed and fuels for thousands of products. Now An era of microfarms is emerging. Algae microfarms can empower people to grow healthy food for local food security and self-sufficiency.

The author founded one of the world's first and largest algae farms 35 years ago. Now the time has come to introduce algae microfarms and the algaepreneurs who are building them and selling and distributing healthy foods in their local communities.

[Available at Amazon.com](http://Amazon.com)

148 pages * full color * 8"x10" ISBN 148396826X * \$29.95



innovative algae foods today.



Scalable Algae Microfarms

Robert Henrikson writes this 6 part series in Algae Industry Magazine.com.

Parallel to large algae production systems by well-funded algae ventures, is the emerging interest in smaller, scalable algae farms and business models. Evolving from projects in developing world villages, algaepreneurs have been growing spirulina algae in small outdoor greenhouses and photobioreactors. Automated smart technology combined with modular growing systems may soon make it feasible to deploy algae microfarms anywhere in the world.



Algae Microfarms book chapters

- i. Introduction
- 1. Why algae microfarms are emerging today
- 2. Small algae farms in the developing world
- 3. Algaepreneurs and microfarms in France
- 4. Growing algae at home and in community
- 5. Microfarms & bioreactors in modular systems
- 6. Future visions of living algae systems

Algae Reference Guide

- 7. Algae production, products & potential today
- 8. Imagine our algae future - Algae Competition
- 9. Grow your own spirulina
- 10. Smart algae microfarms slideshow
- 11. Personal journey from small to large to small
- 12. References and author biographies

Opening Smart Microfarm Testbed, Olympia Washington



The new Smart Microfarm testbed has opened near Olympia Washington. Under a larger greenhouse, *spirulina* algae growing ponds are insulated below and are covered with a retractable second greenhouse cover to extend the growing season by retaining heat beyond the summer months. As one of the northern most *spirulina* farms in operation today, this farm will demonstrate the capability of microfarms in cooler climates. www.smartmicrofarms.com.

This facility will test practical and affordable algae microfarms and photobioreactors for growing algae for local food and high value products in urban, community, rooftop, mobile and vertical gardens.

Best Green Wishes from Robert Henrikson and Mark Edwards

Algae Resource Books



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Visionary Algae Architecture and Landscape Designs

International Algae Competition
by Robert Henrikson and Mark Edwards

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