

Ronald H. Henson

Current:

- COO at Algal Aquaculture Professionals LLC

Over 30 years of experience with commercial micro algae products, Renaissance man, experienced manager with a drive for excellence which has honed skills as an effective business developer within the micro-algae industry; operations manager; researcher; listener; speaker; writer, and analyst. In depth understanding of algal technologies, technical sales and development of foods, beverages, dietary supplements, animal feed ingredients, aquaculture and agriculture: thrives in a team environment through the art of exerting influence without alienating others. Many years in the field of industrialization of micro algae as food/feed/fine chemical/pharmaceutical have taught me to be innovative, yet conservative where it counts.

Experience:

Algal Aquaculture Professionals LLC

06/2011 to Present, Chief Operating Officer

Algal Aquaculture Consultant, engagements include farm design and construction, cultivar collection and enhancement, aquatic biology and production issues, product development, market development, sales and distribution of algal products, regulatory issues, site selection, algal farming business plan and feasibility studies, due diligence reviews.

See <http://algalprofessionals.com/index.html>

Phyco Biosciences, Inc

02/10 to 05/2011

Redirected company to a practical business plan based on production of microalgae as food and feeds. Developed applicable crop plan and acquired appropriate algal strains. Developed multiple methods to lower COGS as well as USDA Organic. Refreshed contacts representing more than 1,000 tons of algae present food algae market and strengthened partnerships to develop markets representing more than ½ M tons annually within the animal feed industry. Principal presenter at industry conferences.

Ron Henson Consulting Services

03/09 to 06/2011

Business development and gap analysis for microalgae and related businesses.

EARTHRISE NUTRITIONALS LLC/ EARTHRISE CO. / EARTHRISE FARMS

(Subsidiaries of DIC Corporation/Dainippon Ink & Chemicals)

1981 to 02/2009

Vice President Sales after serving as Vice President Production

- Participated in development of the first successful microalgae farm in America.
- Involved in all phases of process development; product development; facility construction; materials purchasing and contract negotiation; operations; outside B2B sales; management, budgeting and planning
- Production and marketing of microalgae as food, feed and beverage ingredients.
- Mass produced Spirulina (Arthrospira), Chlorella, Nannochloropsis, Chlamydomonas and other microalgae.
- Increased business 4-fold by creating new sales channels in food, beverage and animal feed applications by identifying new prospects and new product concepts. Presented those concepts to prospects, and teamed with product developers to develop specifications fitting their needs.
- Implemented TQM and increased employee training and competence.
- Supervised production, quality assurance, dietary supplement product development and sales departments.
- Responsible for leading up to dozens of employees, reporting to upper management and interfacing with the press, regulators and other publics.
- Developed and managed contacts with various teams of researchers at a number of universities and private firms for therapeutic and drug development; resulting in publication of a number of papers, and still pending projects.
- Wrote and submitted petition to AAFCO and FDA-CVM DAF for Spirulina with favorable response.
- Familiar with food and dietary supplement good manufacturing practices: CFR 21, parts 110 and part 111, HACCP, the USDA National Organic Program, and many other regulations.

See: www.earthrise.com www.spirulinasource.com www.spirulina.com

PROTEUS CORPORATION

Pilot Plant Manager- 1978-1981

- Developed methods for the mass production of Spirulina(Arthrospira).
- Produced a manipulated Chlorella for protein amino acid production.
- Field collection and isolation of wild strains, agar plating, axenic culturing, strain and growth medium optimization, and mono-algal culture scale-up using both PBR's and high-rate ponds. Produced algae from several hectares of open high rate ponds.
- Performed water analysis and culture bioassays, collected and interpreted data on process performance, developed outdoor high-rate pond design, construction and operation methods, harvest method development and construction, including filtration, flocculation and micro-filtration techniques, spray, drum and tray drying and other processes.

- Performed quality assurance assays, including protein, pigments, moisture and microbiological testing plate counts and yeast & mold. Improved product safety by working with experts in toxicology to apply latest methodology to our products.
- Studied pond culture ecology, optimizing both high-rate growth and desirable algae chemical profile while avoiding contamination by undesired species and grazers.
- Mentored by Alan Jassby, Ph.D. and Joseph Weissman Ph.D.

See: <http://www.spirulinasource.com/earthfoodorigin1.html#first>