

Job Description – Ocean Regenerative Aquaculture

Job Title:	Chief Agricultural Science Officer, PI
Location:	Vancouver/Lower Mainland, BC
Start Date:	Between Feb 15-Mar 31, 2021
Application Deadline:	Feb 12, 2021

1.0 About Ocean Regenerative Aquaculture (ORA)

Ocean Regenerative Aquaculture is a seaweed business that will cultivate, produce, and sell products that replenish soils and stimulate plant growth and productivity. We are based in British Columbia, Canada and are working along its Pacific Ocean coastline in pristine ecosystems of cold, nutrient rich waters where some of the world's strongest currents flow to form enriching habitats for over 600 species of seaweeds. Our mission is to cultivate seaweed and provide nutrient rich biostimulant solutions to improve the health and productivity of soils and plants, sequester carbon, and help regenerate ocean habitat. We are building a team of driven, capable, and experienced people who are committed to building a regenerative aquaculture sector in the Pacific Northwest.

2.0 The Role

We are seeking a Chief Agricultural Science Officer to join our team to lead research and develop primary product applications for soil and plant biostimulants. The role will work with phycologists to focus on Pacific seaweed species, understanding the benefit of their natural properties on plant and soil health. This individual will lead our work with private consultants, educational institutions, and government agencies to convert applied research results into marketable products that meet or exceed customer requirements.

2.1 Responsibilities:

- Apply for and manage research grant applications, engaging university/college applied research and consultancies as required.
- Act as principle investigator for provincial and federal research grant programs.
- Act as liaison between ORA and research consultancies.
- Act as liaison between ORA and provincial and federal agriculture ministries and related agencies.
- Manage the research and development of intellectual property and know-how related to production of biostimulant products.
- Manage field test trials and engage with farmers to understand and work with them to address their challenges and opportunities to increase soil and plant health, productivity and resiliency.
- Work with Chief Product Officer to ensure product application addresses product market fit.
- Work with the Chief Operating Officer to manage the commercialization of the product (processing, packaging, distribution).
- Manage team of researchers.

2.2 Requirements:

The ideal candidate will have a strong understanding in soil sciences, and a particular knowledge of plant health and nutrient requirements for agricultural and horticultural crops, specifically those native to British Columbia (Zones 11 and 12) and California (Zone 10). In addition, the candidate has:

- 5-10 years experience in development or research in biostimulants.
- Bachelor's degree in biology, land & food systems, PhD preferred.
- Experience in grant proposal writing.
- Experience in building and managing a research lab.
- Demonstrated experience, knowledge, and ability in running field trials.
- Understanding and experience in applying and conforming with regulations, permitting, and licensing pertaining to agricultural products.
- Experience working with products designed to benefit high-value crops (e.g. grapes, apples, blueberries, nuts, etc.).
- Specific experience and knowledge in working with farmers and agriculture and horticulture professionals to determine and understand customer needs and requirements.

Applications should be submitted to: matthiaskempe@oceanregenerative.com.