POSITION: Product Development Agronomist

Clean Crop Technologies is a VC-backed agtech start-up combining air and electricity to reduce food waste, extend shelf-life, and improve food safety. We are an early stage company seeking to build out our bench of technical engineers, chemists, microbiologists, administrators, and scientists with a passion for innovation, experimentation, pushing the envelope of what's possible, and a hunger to work at a fast-paced start-up. We are passionate about transforming frontier technology into products that will make food last longer, be healthier, and reduce the food system's GHG emissions. If that sounds like you, we'd love to talk!

Background: Clean Crop Technologies, Inc. (www.cleancroptech.com) is seeking a Product Development Agronomist to join our team! Under the direction of the CTO, the Product Development Agronomist will be responsible for evaluating plant growth under a variety of plasma treatment conditions. This role will regularly communicate with partner research organizations and provide data collection and analysis summaries to the management team. The selected individual will work in a fast paced, multi-team environment that requires excellent communication and interpersonal skills.

Job Location: Holyoke, MA

Position: Full-time/salaried

Compensation (Hr/Salary):

Anticipated Start Date:

Responsibilities:

- Conducts research to understand the biology and physiology of plants under plasma treatment, including their growth, development, and responses to environmental factors such as light, temperature, and moisture.
- Responsible for the statistical design, scheduling, management, and execution of trials with Contract Research Organizations (CRO) including location identification, trial planting, in-season trial maintenance, harvesting, data collation and analysis, and reporting.
- Coordinates and / or collects trial samples; prepares and sends trial materials to CRO's according to planned trial schedules.
- Collecting notes, data, and photo images on field emergence and stand establishment, crop yields, environmental factors, and other factors that affect agricultural productivity.

Travels to trial locations when necessary or requested.
- Conducts data analysis using statistical methodology when practical and visualizes data in an easy-to-understand format.
- Develop and maintain relationships with researchers, university partners, subject matter experts, and industry partners to inform enterprise offerings.
- Provides written agronomy research summaries that can be used to support product management, positioning, and training.
- Prepares presentations and presents research findings to internal and external stakeholders when requested.
- Manages all data and trial information in the company's designated database as a repository for future data analytics. Conducts data analytic activities when requested.
- Represent Clean Crop at conferences and participate in industry workshops and committees with membership organizations.

Qualifications:
- B.S. or MS in a relevant field such as Agronomy, Biology, Plant Physiology, Plant Pathology or Related Fields.
- 3-5 years of research experience with an emphasis in field and / greenhouse trials.
- Experience in trial design, data management, analysis and reporting, and statistics.
- Strong ability to analyze data, visualize data, and prepare reports and presentations.
- Hard working, goal oriented, and able to manage multiple tasks in a fast paced work environment.
- Ability to travel within the USA when needed or requested.
- Proficiency in Excel.
- Strong organizational, time-management and attention to detail skills.
- Must be vaccinated against Covid-19.