

## FIELD TRIALING SCIENTIST

**The purpose of the Field Trialing Scientist is to assist in the planning and implementation of Indigo field trialing efforts in support of agreed business needs and priorities. Measures of success include the efficiency of trialing planning/operations, quality of trial outcomes, compliance with policies/regulations and effective participation in the Indigo Team.**

### OUTCOMES

1. Indigo has a fully developed and functioning network of field trial cooperators who deliver high quality field trial results to meet our business needs (on time, on budget, high quality, target environment, well annotated environment/trials, etc.)
2. Field trial planning and implementation process enables the timely and effective engagement of resources and the monitoring of progress at appropriate milestones for effective trial completion (space planning, entry nomination, trial design, protocol definition/communication, materials planning, cooperator contracting, cooperator training, trial/cooperator monitoring, data collection and analysis).
3. In field observations linked to well conducted, annotated and analyzed trials lead to insightful and actionable results presented in a way which enables Indigo business decisions relative to advancement, placement, management and development of our microbial products.
4. Continual evolution of field trialing methodologies in service of improved quality, efficiency and knowledge content from our trialing efforts.
5. A motivated, capable and high quality staff and contractor network capable of reliable delivery of field trial outcomes.
6. The creation of a “data asset” that supports current trial objectives and establishes a high value data resource that creates optimal value for broader needs spanning discovery, development and commercialization needs.

### RESPONSIBILITIES

- Assist designing and overseeing ongoing implementation of the Indigo field trialing efforts that support the business needs/objectives. Provide innovative and creative field validation solutions to confirm plant-microbe interactions.
- Contribute to establishing field trialing support infrastructure capable of overseeing and optimizing the results from Indigo field trialing effort
- Support establishing and maintaining a field trialing network consisting of collaborators and contract service providers capable of delivering on Indigo field trial needs
- Continuous improvement of contractors through training, mentoring and development initiatives
-

- Drive the implementation of trial meta-data collection and environmental characterization to optimize biological insight and long term value of trial data and observations
- Work with Indigo colleagues to plan and track trial demands and facilitate timely and effective trial planning and design
- Assist in ensuring that field trial plans align with needs for effective stage gate advancement of candidates in the product pipeline
- Support defining and communicating trialing protocols and standards to Indigo trialing cooperators
- Design and implement trial cooperator training and milestone tracking process
- Ensure timely data collection, data quality control/release and the analysis of data
- Contribute to in depth analysis and interpretation of field trial results
- Assist in creating a reliable, efficient and predictable field trial process that spans trial planning, trial implementation, data collection, data quality control and data analysis
- Contribute to in depth observation, knowledge and characterization of trials that enables deep insight into trial quality, plant performance and the environmental context relating to the trial outcomes

## COMPETENCIES

- Planning, conducting, analyzing and interpreting agricultural research field trial data
- Demonstrated strength in contributing to a strong functioning team
- Strong organizational and communication skills
- Proven ability to establish and maintain strong internal and external collaborative relationships
- Proficiency in use of one or more field research trial planning, data management and analysis platforms
- A highly goal-focused and schedule-focused approach to work
- Successful track record in managing substantial projects with complex interdependencies
- Outstanding leadership, motivational, interpersonal, and communication skills
- Passion for working in an extremely dynamic, execution-focused, entrepreneurial, small company atmosphere

## REQUIREMENTS

- A graduate degree (Ph.D. preferred or M.S.) in Agronomy, Plant Breeding, Plant Pathology, Entomology or related area and a minimum of 2 – 3 years of experience with field research program
- Experience with experimental design, collection, analysis and interpretation of field trial data
- Competency in statistical analysis methods and interpretation
- Strong commitment to ethical and legal compliance

- Ability to travel extensively in support of field trialing activities, collaborator interactions and visit to corporate offices
- Understanding and interest in biological products in agriculture
- Ability to use MS Office programs and/or other standardized computer tool platforms
- Ability to learn and use proprietary systems for data management, reporting and other job related functions
- Strong orientation to detail
- Ability to work under typical field research conditions
- A valid driver's license

### **LOCATION**

- Negotiable but close to the majority of field locations