



Heritable Agriculture is hiring a **Plant Scientist**

Company Description

[Heritable Agriculture](#) in San Carlos, CA, is dedicated to utilizing AI, biotechnology, and breeding to improve plant agriculture. The company focuses on sustainable practices and innovative solutions to address global agricultural challenges.

Role Description

This is a full-time on-site role for a Plant Scientist at Heritable Agriculture. The Plant Scientist role, reporting to the company's Chief Science Officer, will be responsible for designing and running plant biology experiments in greenhouses or fields, collecting plant phenotypes and overall helping Heritable develop the Trait Discovery pipeline. The position requires an applicant skilled in plant phenotyping, field agronomy and molecular biology.

Qualifications

- Ph.D. in plant sciences or closely related field
- Experience in plant phenotypic characterization, including agronomic and/or disease resistance traits
- Capable of "seeing the big picture" – thinking strategically, communicating a future vision to a team and implementing projects efficiently and effectively in a fast-paced start-up environment
- Strong written and verbal communication skills
- Willingness to get hands dirty and participate in multiple roles

Core responsibilities

- Design and run experiments in controlled environment and/or field experiments to define growing conditions for optimal data quality
- Collect plant phenotyping and environmental data to drive insights in crop performance

- Knowledge of gene editing protocols: guide design, vector construction, NGS genotyping.
- Perform high throughput genotyping for greenhouse and field trials
- Apply innovative phenotyping tools to trait evaluation
- Analyze data and report experimental results
- Assist with molecular biology work in laboratory setting

Preferred:

- 2+ years of industry experience
- Experience applying for grants/fundraising
- Experience in trait discovery
- Exposure to partner management
- Plant transformation: experience with floral dipping and Agrobacterium-mediated transformation

Other things we need:

- Ability to work with customers - external facing
- Ability to work with a global team
- Commitment to diversity, inclusion, and fun
- Startup mentality - no task is too small or too big

To Apply:

Email your cv/resume and a brief statement explaining your interest and qualifications to inbound+plantscientist@heritable.ag