



575 N. Pastoria Ave. | Sunnyvale, CA 94085  
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**Position** Senior Agronomist

**Location** Sunnyvale or Salinas, CA

### ***About Blue River***

Blue River Technology serves the agricultural industry with revolutionary computer-vision based robotics designed to unlock greater crop yield potential. We envision a future where farmers use robotics to individually care for each plant in their fields.

Our team of almost 50 people comes from diverse backgrounds in robotics, computer vision, agriculture, and business. We have designed and deployed this technology on machines working in commercial field operations to provide a per-acre lettuce-thinning service in Salinas, CA and Yuma, AZ, and are currently working on expanding these operations to weed control in a variety of crops. We are also developing platforms capable of capturing rich phenotypic plant data at high throughput using a range of sensor suites and advanced computer vision and machine learning algorithms.

We receive support and investment from venture capital firms, including Khosla Ventures and Data Collective. We also generate revenue by operating our current third-generation lettuce-thinning systems, which have set a new industry standard for precision and reliability.

### ***Position description***

We are looking for a highly skilled and energetic person to play a key role in improving and supporting our revolutionary robotic and vision-based systems for agriculture. You will be joining a world-class research and engineering team to provide critical knowledge in improving existing systems and pushing the boundaries of this technology. The role will include work in the following areas:

- Acting as the lead agronomist working with a multi-disciplinary engineering team in developing first of their kind weed control platforms
- Providing guidance on the selection and use of herbicides and other chemicals in our ongoing field operations and in our next-generation systems
- Designing and implementing field experiments and analyzing data to better understand the efficacy of our systems, their impact on crop yield, and the parameters (e.g., amount sprayed, ambient temperature, humidity) within which they can safely operate
- Understanding relevant regulatory restrictions, making recommendations, and completing appropriate reporting for the materials we use for thinning and weed management
- Engaging with chemical companies, universities, and regulatory agencies to coordinate tests and work to register new herbicide formulations for use in cotton and other crops

The position will require a significant amount of time at our company headquarters in Sunnyvale, CA, with frequent travel to areas of operation including the Midwest and Southeast. However, we are flexible in location as long as there is a willingness to travel as necessary.

### **Qualifications**

- 10+ years of experience working with chemicals in agricultural production, ideally in weed control for cotton and other row crops
- 5+ years of experience designing and carrying out field experiments involving collecting and processing large amounts of data
- Strong statistical and analytical skills
- Exceptional understanding of Crop and Weed Science
- Ability to work well in a highly collaborative development environment
- M.S. in Agronomy, Crop Science, or Weed Science, or related field; Ph.D. is a plus

### ***In addition, the following are a plus:***

- Experience administering field tests involving complex hardware and software systems
- Certified Crop Advisor is highly desirable
- PCA and/or QAL or ability to obtain PCA license in CA
- Experience working with chemical companies and regulatory agencies to understand and influence the regulation of applied chemicals
- Experience working in specialty crops grown in California, such as lettuce
- Management experience overseeing one or more direct reports

Please send your resume to [careers@bluerivert.com](mailto:careers@bluerivert.com) with "Senior Agronomist" in the subject line and a brief explanation in the message of why your interests and background match this position. We will follow up with you within one week of receiving your message. Blue River offers competitive compensation, including equity options and benefits.