



## **Agronomy Researcher/Crop Scientist Job Description – Twin State, Inc.**

### **About Twin State, Inc.**

Twin State, Inc., is a family-owned and operated independent agricultural business that was founded in 1958 and is headquartered in Davenport, IA. Twin State, Inc., manufactures a full lineup of seed safe in-furrow and 2x2 starter fertilizers as well as liquid suspension fertilizers. In addition to manufacturing liquid fertilizers, Twin State, Inc., has an agricultural retail division that operates under the name of Liqui-Grow. Through its 16 full-service retail outlets, Liqui-Grow sells and custom applies crop inputs on about 1.5 million acres annually in eastern IA, northwest IL, and southeast WI. For more information about Twin State, Inc., or Liqui-Grow, please visit the company's web page at [www.liqui-grow.com](http://www.liqui-grow.com).

### **Position Description**

Twin State, Inc., is seeking a passionate and highly-motivated agronomy researcher/crop scientist to evaluate crop inputs, develop new novel fertilizer product offerings and test innovative crop management practices in field research trials located throughout their area of operation. These field trials would include on-farm replicated strip trials as well as small plot research trials. In cooperation with senior level management, the agronomy researcher/crop scientist will develop the research questions, execute the research protocols, summarize the research findings using appropriate statistical analysis and recommend future research direction.

In addition to agronomy research activities, the agronomy researcher will be required to present research findings to Twin State, Inc., sales professionals and grower groups at local field days, winter customer meetings and at structured agronomy training sessions. The agronomy researcher will also be expected to help develop marketing materials that summarizes Twin State, Inc., field research and be a technical resource for Twin State, Inc., sales force and customers, which may require the agronomy researcher to assist with sales calls on an as-needed basis.

The agronomy researcher is also expected to stay current on the latest scientific developments in the fields of soil fertility and crop management by attending key scientific meetings and by regularly reading newly-published research in peer-reviewed academic journals.

### **Position Duty Allocations**

- 60 to 70% - Research question development, execution, field trial summarization and recommendations for future field research direction.
- 15 to 20% - Present research findings to Twin State, Inc., sales professionals and grower groups at local field days, winter customer meetings and at structured agronomy training sessions.
- 15 to 20% - Develop marketing materials that summarizes Twin State, Inc., field research and be a technical resource for Twin State, Inc., sales force and customers, which may require the agronomy researcher to assist with sales calls on an as-needed basis.



### **Experience and Educational Requirements**

- The agronomy researcher/crop scientist candidate must have a PhD or MS degree in an agronomy, crop sciences, soil fertility or similarly related field with a minimum of 3 to 5 years of industry-related experience. Candidates with a BS in an agricultural related field may be considered with 15+ years of experience in executing field research trials.
- Candidate must be experienced in operating field research equipment or have the aptitude to quickly learn this required skill set.
- Candidate must have experience developing experimental designs used in field research and analyzing the results with appropriate statistical analysis software.
- Candidate must be a critical thinker and be able to demonstrate deep knowledge in crop physiology, nutrient cycling in soils, plant acquisition of mineral nutrients from soils and a thorough understanding of modern crop management practices used in corn and soybean production.
- Candidates with previous experience in soil fertility and bio-fertilizer (also known as plant growth promoting microorganisms) research will be highly preferred.
- Candidate must have a class A CDL or the ability to obtain one shortly after the start date.
- The candidate will be expected to work well over 40 hours a week during the busy season in both spring and fall.

### **Compensation Package**

At Twin State, Inc., you will be a member of the Twin State team and family. You will have the ability to directly influence the company's future agronomy direction and truly help farmers make decisions that increase their profitability and not just the company's bottom line. Monetary compensation will be dependent on the candidate's experience and education and will be equivalent to industry norms.

A company vehicle, computer and cell phone will also be provided and any additional tools needed to complete company-related duties. Twin State, Inc., offers dental/health insurance, paid vacation and sick leave. After meeting eligibility requirements the following benefits will be available: a 401K profit sharing plan, life insurance and short- and long-term disability.

### **How to Apply**

Candidates should email their resume/CV, cover letter, and references to [employment@liqui-grow.com](mailto:employment@liqui-grow.com). The closing date for this position will be July 15<sup>th</sup> of 2018.