



## **Scientist Plant Physiology and Breeding**

*Minneapolis, Minnesota, USA*

### **About us**

Calyxt, Inc. is a consumer-centric, food- and agriculture-focused company. Calyxt is pioneering a paradigm shift to deliver healthier food ingredients, such as healthier oils and high fiber wheat, for consumers and crop traits that benefit the environment and reduce pesticide applications, such as disease tolerance, for farmers. Calyxt develops non-transgenic crops leveraging processes that occur in nature by combining its leading gene-editing technology and technical expertise with its innovative commercial strategy. Calyxt is located in Minneapolis-St. Paul, MN, and is listed on the Nasdaq market (ticker: CLXT).

For further information please visit our website: [www.calyxt.com](http://www.calyxt.com)

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### **Job Summary**

The R&D group at Calyxt is a multi-disciplinary team of scientists with the mission of initiating projects and optimizing protocols which advance the creation of crops with valuable traits. The R&D group is seeking a highly motivated and result-oriented plant scientist that will contribute to the development, testing, and piloting new products concepts. This individual will be also critical for development and documentation of greenhouse production protocols, pre breeding, technology and processes to achieve high throughput, high quality plant production in multiple species, such as soybean, wheat, canola and alfalfa.

### **Key Responsibilities:**

- Develop and improve greenhouse growth protocols to increase greenhouse productivity and quality of plants.
- Collaborate with tissue culture scientists to ensure smooth transition of plants from the lab to the greenhouse.
- Collaborate with greenhouse staff to streamline production processes and improve plant quality.
- Develop and test growth protocols to maximize the To's (T zero's) survival, growth and development.
- Develop and test cultivar-specific crop improvements.
- Stay current with new technologies, product specifications and performance trends.

### **Qualifications:**

- Master's degree or Ph. D. in agronomy, horticulture or related plant science field and 5 + years of industry experience in a high throughput nursery; or Bachelor's degree in related plant science field and 10+ years of high throughput nursery experience.

- Knowledge and experience in plant breeding experimental designs, quantitative genetics, and statistical analysis.
- Experience in molecular breeding techniques, particularly creation and validation of training data sets facilitating genome wide (GW) applications.
- Ability to independently design, conduct, analyze and report experiments.
- Excellent communication skills both verbally and in writing.
- Ability to work independently and collaborate as member of a dynamic pre-production team of scientists, technicians and business analysts.
- Willingness and comfort to troubleshoot new equipment and technology.
- Demonstrated skill working with statistical analysis software.

Contact: Please send resume and motivation letter to [CLX\\_PPB\\_2019-03@calyxt.com](mailto:CLX_PPB_2019-03@calyxt.com)