



Job Description

Plant PreBreeding Specialist - Brooks, OR-2301962

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Description

Where the Chemistry Happens

We are looking for a PreBreeding Specialist at our Brooks site in Oregon. This role is responsible for the facilitation and management of day-to-day Onion PreBreeding operations to support the process of continuous germplasm improvement, discovery trait research and technology/methodology optimization to reach greater breeding efficiency and to provide value-added traits to breeding programs globally. This role reports to the Sr. Scientist PreBreeder.

As a PreBreeding Specialist you create chemistry by...

- Support the PreBreeder in the management of multiple onion projects with both internal and external collaborators to ensure a constant flow of value-added traits into commercial varieties.
- Assist the PreBreeder in the optimization of efficiency and output in the PreBreeding program by designing and implementing new technologies and methods. Be accountable for day to day operations within the PreBreeding program including the coordination and communication of activities to farm team, technical assistants and seasonal labor. Collaborate with onion breeding programs for planting and harvesting operation off site.
- Manage an accurate and detailed breeding administration for the PreBreeding team in appropriate databases and conform to the procedures and guidelines in the (pre-)breeding

- departments to enable the running of an efficient and effective research breeding program. Collect data and ensure data integrity to contribute to data-driven decision making.
- Design and plan in deliberation with the PreBreeder, and autonomously implement, execute, evaluate, analyze, interpret and document research trials and their results in line with the PreBreeding plan, guidelines, and procedures. Assist in all aspects of planting, growing, pollinating, sampling, and harvesting of material within set budgets and timelines, and where directly managing projects, provide analysis, interpretation, and written summaries/reports.
- Collaborate with (pre)breeders and scientists to develop digital phenotyping methods and / or leverage existing technology to its fullest potential.
- Develop and maintain updated and broad vision on the global R&D team strategy and global markets to enable participation as an equal discussion partner on all breeding and research topics, and to develop ability to give independent direction to the PreBreeding program for short periods of time as needed.

Qualifications - BASF recognizes institutions of Higher Education which are accredited by the Council for Higher Education Accreditation or equivalent

Your formula for success...

Education

- BSc with 2+ years of relevant experience in agronomy, horticulture, plant breeding, genetics or closely related field
- MSc with relevant background in agronomy, horticulture, plant breeding, genetics or closely related field

Experience

- Working knowledge of agronomic or horticultural practices and procedures, plant raising, phenotyping and evaluating plant traits under field or greenhouse conditions
- Working knowledge of genetics and plant breeding
- Proven ability to lead medium – large plant science research projects

Knowledge/Skills

- Data collection and phenotyping
- Plant raising and pollination
- Plant hygiene practices
- Operation of specialized breeding and research equipment for plant growth and phenotyping
- Language skills: English (must); Spanish (nice to have)
- Ability to complete manual tasks planting and harvesting crops in field and greenhouse
- Variable working hours with peak periods during growing season

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Primary Location US-OR-Brooks

Function REDE - Research & Development

Job Type Standard

Shift Day Job

Organization G-APV/RT-Vegetable Seeds R&D Technology-63022624

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