

Job Description

Discovery Breeder - Williamsburg, IA-0023U

Description

Monsanto is seeking highly a motivated individual to become an integral member of a multidisciplinary breeding team. The Discovery Breeder is responsible for the development of improved inbred lines with a focus on agronomic traits such as yield and disease tolerance. Discovery Breeders are responsible for the oversight and administration of a research program to include the operations of summer nurseries and planning of winter nurseries as well as the recruitment, training, development and retention of personnel, budget management, care and maintenance of company assets

The Discovery Breeder will directly interact with line development breeding, breeding technology, trait development, and commercial organizations serving as a key member of the technology development pipeline. This role offers the opportunity to work with the world's largest global germplasm pool. They will also have the opportunity to incorporate the latest marker-assisted breeding tools to develop superior inbred lines.

Responsibilities:

- Oversee a breeding and testing program that will lead to the development of improved product varieties.
- Develop a thorough knowledge of the product varieties in the region in order to provide input on the product development process.
- Ensure that all USDA regulatory and compliance protocols are followed.
- Ensure that the research team is trained and compliant with the Monsanto ESH safety policies to ensure safe operations of the research program.
- Budget management
- Recruitment, training, development and retention of research support personnel

Qualifications

Required Skills/Experience:

- PhD in Plant Breeding, Genetics, Crop Science or related field of study
- Strong background in plant breeding, plant pathology, genetics, field plot technique and statistical analysis, QTL mapping, molecular biology and molecular marker applications.
- Experience working with database applications, spreadsheet software, experimental design and statistics.
- Experience working with multidisciplinary teams.

Desired Skills/Experience:

- Experience in plant breeding.
- Experience in plant pathology.

Job

Research & Development

Primary Location

North America-USA-Iowa-Williamsburg

Organization

Line Development Breeding_51013186

Schedule

Full-time