Tropical Sweet Corn Breeder –Asia

Job Description: Tropical Sweet Corn Breeder

Monsanto *is an agricultural company. We apply innovation and technology to help farmers around the world produce more while conserving more. We help farmers grow yield sustainably so they can be successful, produce healthier foods, better animal feeds and more fiber, while also reducing agriculture's impact on our environment, with thoughtful and effective stewardship.*

Monsanto is seeking a highly motivated individual to become an integral member of a multidisciplinary, global sweet corn breeding team. This is a superb opportunity to manage a breeding program in collaboration with a large, multidisciplinary global research team to obtain successful new products. As a breeder you will have primary responsibilities for the development of new improved tropical sweet corn hybrids and management of the pre-commercial product pipeline for targeted global market segments. A significant amount of interaction and collaboration expected with other sweet corn breeders. There is direct interaction with breeding technology, pathology, foundation/stock seed, technology development, and the commercial organization. The qualified candidate will also manage design, development, and implementation of breeding research projects in collaboration with scientists in fields such as pathology and breeding technology. You will have direct management responsibility of your breeding staff and budget management.

The tropical sweet corn breeder will directly interact with the vegetable breeding community, breeding technology, trait development and serve as a key member of the technology development pipeline. Individual will also have oversight of existing sweet corn program in Chiang Rai, Thailand. This role offers the prospect to work with the world's largest global agronomic and vegetable breeding organization that possesses state of the art breeding application tools and analytical platforms. This provides opportunities for development of novel breeding approaches/methodologies or the creative application of existing methods for the enhancement of tropical sweet corn.

Key responsibilities include:

- Direction and management of all components of a successful commercial tropical sweet corn breeding program. Including, but not limited to: creation and evaluation of breeding populations; utilization of molecular markers to incorporate genes for disease resistance and quality traits; utilize di-haploids in the breeding program; coordinate, place and evaluate trials in major global market segments; make line and hybrid advancement decisions; fulfill requirements for variety advancement through documentation of performance; completion of required breeder's seed.
- Utilization of all relevant breeding technologies with appropriate allocation of resources directed at the successful development of commercial products for key global market segments.

- Through engagement and collaborative interaction with breeding technology communities across Monsanto, identify, research, and eventually apply those to your breeding program that enhance breeding program effectiveness and efficiency.
- Achieve pre-commercial hybrid advancement targets and make recommendations to appropriate regional crop teams.
- Travel to key global market segments required for trial and product evaluations.
- Ensure that the research team is trained and compliant with Monsanto Environmental Safety and Health (ESH) policies to ensure safe operations of the research program.
- Oversight of existing sweet corn breeding program activities in Chiang Rai, Thailand.
- Manage budget cost center and appropriate allocation of resources – both current and long range.
- Recruiting, training, and development of research support personnel.

Qualifications:

Required Skills/Experiences:

- PhD in Plant Breeding and Genetics.
- Strong background in plant breeding, genetics, field plot technique and statistical analysis, molecular biology, and molecular marker application to plant breeding.
- Demonstrated success in technical proficiency, scientific creativity, and collaboration with others.
- Excellent managerial and organizational skills; ability to balance multiple tasks and achieve milestones.
- Ability to work in a team based environment with multidisciplinary teams; effective verbal communication skills.
- Leadership capabilities within the technology community that can extend into other functional areas.
- English language fluency and good communication ability necessary.

Desired Skills / Experience:

- Minimum of 3 years experience working in breeding/genetics.
- Vegetable crop research experience.
- Knowledge of quantitative genetics, functional genomics, genetic statistical theory, and experimental design as it is applied to plant breeding.

Location: Yunnan/Hainan, China

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For more information, please access to www.monsanto.com/www.monsanto.com.cn