

Nunhems USA, Inc / BASF Vegetable Seeds

Position Title: Breeding technician, Intern

Location: Acampo, CA

Job Purpose:

Within processing tomato, assist the breeder to plan, monitor and provide input relating to the operational breeding process to ensure the long-term profitability and success of the breeding program

Education and Experience:

- Completed high school, associate Degree or B.Sc. in Horticulture, Agronomy or Plant Breeding is a plus
- Previous experience in plant breeding or related field
- Working in hot, cold, wet, humid and dusty conditions, in greenhouse and field
- Exposed to tomato pollen and fruit
- Work needing good dexterity and attention to detail
- Making observations and recording data
- Following Health Safety and Environment (HSE) regulations and maintaining a safe work environment

Knowledge/Skills:

- Ability to follow routine procedures
- Understanding of agricultural practices and the processing tomato Industry a plus

General Computer Skills:

- Competent using Microsoft Office software

Language and Other skills:

- Fluent in verbal and written English
- Spanish speaking is a plus
- California Valid Driver's license required

Competencies:

- Analytical and accurate
- Interpersonal skills and a team player
- Appreciation for "Green Fingers"

- Ability to work independently and be flexible to quickly changing activities

Core Responsibilities:

Responsibility	% of time
<p>Core Breeding Tasks:</p> <ul style="list-style-type: none"> • Assist in maintaining a safe, healthy and hygienic work environment. • From a selection list provided by the breeder, assist in the correct harvesting and processing of tomato fruit through to packaging of the biomaterial, keeping track of progress and recording required data. • Be comfortable with and competent in undertaking protocols in processing tomato fruit quality laboratory, assisting in accurate testing of fruit samples, collection of data and maintenance of equipment. • Assist with monitoring of crop and modification of plant growing environment, including pest and disease scouting, to ensure optimum plant growth. • Able to understand and translate field maps (open field and greenhouses) in timely manner and assist with accurate transplanting. 	5
<p>Data Management:</p> <ul style="list-style-type: none"> • Follow the required methods for collection, formatting and sharing of data. • Operate the Microsoft Office suite of software, especially Excel, for data collection, summarizing and reporting needs, and Outlook for communicating and scheduling. 	5
<p>Phenotyping:</p> <ul style="list-style-type: none"> • Coordinate with breeder regarding the scheduling of phenotyping needs. • Execute at the appropriate time and, as agreed with the breeder, in the appropriate way evaluations for identified phenotypic traits. • Accurately record data in a consistent way. Ensure rating scale is clear what each value indicates. For photography, ensure lighting is as consistent as possible. Evaluate at similar times of the day. • Where possible, utilize digital methods of phenotypic data collection (e.g. field tablets) 	90