

# CROP SYSTEMS SPECIALIST

A crops systems specialist works to improve how a business or company manages and utilizes data of the seed or crop production process.

## WHAT RESPONSIBILITIES WILL I HAVE?

- Coordinate various data collection initiatives including in-field data and plant performance-based metrics
- Present various data types to aid in strategic decision-making
- Work with various teams (agronomy, seed production, IT, etc.) in assessing and implementing future system solutions
- Simplify various data streams for use in visualization and decision-making
- Support and make modifications and improvements in systems currently utilized by the team
- Ensure enhancements and fixes to data systems are coordinated, consistent and not disruptive to the systems used by other parts of the business
- Formulate, implement and enforce proper data collection policies and procedures
- Help develop standard practices for data entry and management to be used across sites
- Support sites in development and continuous improvement of consistent, documented processes that support the business as needs evolve
- Train and educate the business and sites on data collection tools and equipment



## WHAT EDUCATION & TRAINING IS REQUIRED?

Bachelor's degree in agricultural engineering, chemical engineering, agribusiness or a closely related field

## THE FOLLOWING HIGH SCHOOL COURSES ARE RECOMMENDED...

Agricultural education, biology, plant science, business and computer courses, mathematics

## TYPICAL EMPLOYERS

Seed and crop production businesses and companies

## FUTURE JOB MARKET/OUTLOOK



## SUGGESTED PROFESSIONAL ORGANIZATIONS & ASSOCIATIONS

- American Society of Agricultural and Biological Engineers
- Crop Science Society of America

## AVERAGE ANNUAL FULL-TIME SALARY

\$45,000