

AGRONOMIST

An agronomist provides agronomic knowledge and leadership to growers in their assigned market while performing job duties such as field scouting, soil management and market analysis.

WHAT RESPONSIBILITIES WILL I HAVE?

- Ensure accurate knowledge or reliable referrals to make recommendations to growers to achieve efficient crop production
- Soil sample fields including multiple depth sampling, sampling by geo-reference and multiple site sampling in the event of changes in soil texture
- Manage field trials, plant physiology and irrigation practices
- Scout customer fields for weed, insects, disease and nutrition issues
- Ensure that application of seeding, fertility and pesticide occurs when weather conditions are optimal
- Gather, compile, analyze and interpret test results and prepare progress reports
- Analyze crop claim issues as necessary
- Document field evaluation of seed, chemical, specialty products and fertilizers
- Provide agronomic training for staff responsible for sales and marketing
- Assist with agronomic budgeting and cost monitoring
- Interact with suppliers, applicators and agronomy laboratories
- Remain up to date on crop nutrition and protection technology



WHAT EDUCATION & TRAINING IS REQUIRED?

A Bachelor's or Master's degree in agronomy or a related field is required; Certified Crop Advisor (CCA) preferred

THE FOLLOWING HIGH SCHOOL COURSES ARE RECOMMENDED...

Agricultural education, biology, chemistry, computer courses, mathematics

TYPICAL EMPLOYERS

Medium to large-scale farms, crop and seed production companies, crop protection companies, government agencies, research firms, environmental organizations, and colleges/universities

FUTURE JOB MARKET/OUTLOOK



SUGGESTED PROFESSIONAL ORGANIZATIONS & ASSOCIATIONS

- American Society of Agronomy
- Crop Science Society of America
- Weed Science Society of America

AVERAGE ANNUAL FULL-TIME SALARY

\$59,000