

Career Profiles:

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 productions
- 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



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What Education & Training is Needed?

A Bachelors or masters degree in agronomy or a related field is required to become an agronomist. It is also advised that you receive and maintain you Certified Crop Advisor (CCA) certification

What High School Courses Are Recommended...

Agricultural Education Courses, Biology, Chemistry, Computer Courses, and Mathematics, and Business

Typical Employers

Agronomists work for cooperatives, medium to large scale farms, crop and seed production companies, crop protection companies, government agencies, research firms, environmental organizations, colleges, and universities

Other Titles

Field Agronomist, Agronomy Sales, Plant Scientist, Crop Advisor