

# PLANT SCIENTIST / FIELD AGRONOMIST

Plant Scientist/Field Agronomists plan, budget, establish, perform and document research trials and projects as they relate to agronomic crops.

## WHAT RESPONSIBILITIES WILL I HAVE?

- Responsible for making agronomic related decisions regarding production activities
- Develop, conduct and evaluate tolerance for species at seedling stage of growth
- Understand the farmland ( ground conditions, farming challenges, pest issues)
- Evaluate products, collect data on performance in different locations, and make recommendations to management on new releases, and position hybrids in their most favorable environment
- Relay agronomy information to Sales Reps, DMs, dealers and key accounts through written materials, presentations, and one on one
- Regularly communicate with relevant industry sectors and educational institutions to initiate well targeted research projects
- Investigates the feasibility of applying a wide variety of scientific principles and concepts to potential inventions, products and problems
- Prepare documented proposals and successfully establish research trials
- Manage trial establishment and collection of data
- Budget for research work and provide management reporting in regard to trial/research progress



## WHAT EDUCATION & TRAINING IS REQUIRED?

Master's or Doctorate in plant breeding, biotechnology, plant pathology, agronomy, crop or soil science, biology, or a related field

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

Agricultural education, botany, biology, chemistry, mathematics

## TYPICAL EMPLOYERS

Seed companies, crop protection companies, research firms, governmental organizations, environmental organizations, and colleges or universities

## FUTURE JOB MARKET/OUTLOOK



## SUGGESTED PROFESSIONAL ORGANIZATIONS & ASSOCIATIONS

- Soil Science Society of America
- National Alliance of Independent Crop Consultants
- American Society of Agronomy

## AVERAGE ANNUAL FULL-TIME SALARY

\$74,000