

ENTOMOLOGIST

Entomologists are responsible for researching the growth, nutrition, behavior, and how insects interact with plants. They are considered scientists and their main focus lies on the study and research of insects.

WHAT RESPONSIBILITIES WILL I HAVE?

- Monitor insect feeding behavior, insect physiology, plant-insect interactions, insect feeding biology
- Visit farm and other research trial plots to collect insect samples
- Weigh, formulate and apply experimental and commercial insecticides to pest targets and their habitats
- Prepare and deliver documented proposals and reports for establish research trials
- Evaluate and characterize insect control trait genes as well as support new lead discovery
- Design and implementation of research plans to support the selection of new insecticide products
- Contribute to environmental risk assessments of biotechnology-derived insect control products
- 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?

Doctoral degree in entomology, biology or zoology

THE FOLLOWING HIGH SCHOOL COURSES ARE RECOMMENDED...

Agricultural education, mathematics, earth science, chemistry, biology, botany

TYPICAL EMPLOYERS

Insecticide or pest control companies, research firms, government organizations, environmental or conservation organizations, and colleges or universities; may also be self-employed as a consultant

FUTURE JOB MARKET/OUTLOOK



SUGGESTED PROFESSIONAL ORGANIZATIONS & ASSOCIATIONS

- American Entomological Society
- Entomological Society of America

AVERAGE ANNUAL FULL-TIME SALARY

\$71,000