

WEED SCIENTIST



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Description:

Weed Scientists research the interaction between weeds and their surrounding environments. These scientists work to develop biological or chemical control agents or develop and enforce regulation on control agents. Some weed scientists identify problems in the field and create weed management systems as a consulting function.

Median Wage (as of 2006):

Entry Level Workers - \$35,380

Experienced Workers - \$69,370

Level of Education:

B.S. (required), M.S. (preferred), Ph.D. (required for some research positions)

Examples of Colleges & Affiliated Programs:

Cornell University - Weed Ecology; Floriculture & Ornamental Horticulture; Biological Sciences; Horticulture; Crop and Soil Science; International Agriculture and Rural Development; Plant Sciences

SUNY Cobleskill - Department of Plant Science; Agriculture and Natural Resources Department

Morrisville State College (SUNY) - Horticulture Department; College of Agriculture and Technology

Virginia Tech - Weed Science (Department of Plant Pathology, Physiology, and Weed Science)

Employers:

Private Sector - Kerry Bio-Science, The Albrecht Group, The Wackenhut Corporation, Volt Inc.

Colleges and Universities - Cornell University; Integrated Pest Management Program, Good Agricultural Practices Program, Plant Soil and Nutrition Laboratory, Plant Disease Diagnostic Laboratory, New York State Agricultural Experiment Station

Federal and State Governments - United States Department of Agriculture, United States Food and Drug Administration, New York State Department of Agriculture and Markets

High School/College Courses to Take:

Taxonomy, Weed Ecology, Plant Genetics, Soil Management

Plant Ecology, Oral and Written Communication

Biology, Chemistry, Mathematics

Related Professions:

Plant Scientist

Biologist

Agricultural Scientist

Farm Manager

Weed Science Technician



Cornell University