

NUTRIENT MANAGEMENT SPECIALIST



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Description:

Specialists work in a variety of weather conditions to provide administrative and technical support for programs and initiatives that focus on nutrient management in fields for crop production and water quality protection. Specialists inspect and evaluate nutrient management plans developed by certified consultants to ensure compliance with regulatory requirements. Specialists also identify problem areas and provide technical assistance to nutrient management consultants on a one to one basis or through group training programs and workshops. Specialists explain nutrient management program requirements to farmers, consultants, fertilizer dealers, sludge applicators and other interested parties and assist in scheduling, organizing and administering nutrient management certification examinations.

Median Wage (as of 2006):

Entry Level Workers – \$42,840
Experienced Workers – \$74,480

Level of Education:

High School Diploma (required), A.S./A.A.S. (preferred), B.S., & M.S. (highly encouraged), Nutrient Management Certificate (required)

Job Outlook (through 2016):

26% increase in the number of jobs

Examples of Colleges & Affiliated Programs:

Cornell University – Crop & Soil Sciences (Nutrient Management Spear Program); Biological and Environmental Engineering; Chemistry and Chemical Biology; Food Science; Plant Science; Animal Sciences; Natural Resources

SUNY College of Environmental Science & Forestry – Environmental Science; Conservation Biology; Natural Resources Management

Alfred State (SUNY) – Agricultural Science; Animal Science; Pre-Environmental Science and Forestry

Morrisville State College (SUNY) – Renewable Resources, Agricultural Science, Environmental and Natural Resources Conservation, Horticulture, Dairy Science

SUNY Cobleskill – Fisheries and Wildlife, Plant Science, Animal Science, Natural Sciences

Employers:

Private Sector – Team Ag, Inc.; The Nature Conservancy; Agricultural Consulting Services, Inc.
Colleges and Universities – Cornell University; NY State Agricultural Experiment Station; SUNY ESF
Federal, State, Local Governments – Local Watersheds, New York City Department of Environmental Protection, New York State Environmental Facilities Corporation (NYSEFC); United States Environmental Protection Agency (EPA); New York State Department of Environmental Conservation (NYDEC); New York State Department of Agriculture and Markets (NYSDAM); United States Department of Agriculture (USDA); United States Food and Drug Administration; United States Agency for International Development (USAID); United States Department of the Interior (DOI) - National Park Service (NPS); United States Department of Defense (DOD)

High School/College Courses to Take:

Crop & Soil Sciences, Plant Science, Biology, Chemistry, Ecology, Natural Resources
Oral and Written Communication, Mathematics, Law



Cornell University