

AGRONOMIST





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<http://www.fusiongrant.org/educational.php>

Description:

An agronomist researches methods to produce crops and turf, and ways to manage soils in the most environmentally friendly way. They can develop new varieties of plants and hybrids to improve an ecosystem or can conduct research on issues related to soil, land use, and water management.

Median Wage (as of 2005):

\$58,040

Level of Education:

A.A.S, B.S., M.S. (preferred)

Examples of Colleges & Affiliated Programs:

SUNY College of Environmental Science and Forestry

Morrisville State College (SUNY) – Renewable Resources; Environmental & Natural Resources Conservation; Horticulture; Landscape Architectural Studies

Cornell University – Crop and Soil Science; Science of Earth Systems; Plant Science; Biology; Chemistry; Natural Resources

Keuka College – Environmental Sciences

SUNY Cobleskill – Agronomy; Environmental Sciences; Turfgrass; Recreation and Sports Management

Employers:

Banks – Cobank; Bank of Castile; Canandaigua National Bank; Five Star Bank; Rabobank

Farm Co-ops – New York State Farm Bureau; Farm Credit of Western New York; First Pioneer Farm Credit

Seed, Agricultural Supply and Lawn Care Companies – SeedWay; Agway, Inc.; Byron Equipment

Government Agencies – USDA; New York State Department of Agriculture; Soil Conservation Service

Non-Profit Agricultural improvement Programs – VISTA; Peace Corps

Colleges & Universities – New York State Agricultural Experiment Station; Cornell University; SUNY College of Environmental Science and Forestry

Farms/Production Facilities

High School/College Courses to take:

Agriculture, Biology

Chemistry, Physics

Mathematics, Statistics

Oral and Written Communication, Education

Foreign Language (Spanish and Asian languages are highly recommended)

Related Professions:

Soil Scientist, Environmental Scientist, Agricultural Scientist, Climatologist



Cornell University

Photos courtesy of USDA NRCS