



STEM Careers

Soil and Plant Scientist

Job Description: Do research in areas like breeding, physiology, production, management of crops or trees. They also might study the composition of soil to see its affects on crop growth.

What does a Soil and Plant Scientist do?

- Conduct experiments to help develop types of crops, or new crops.
- Focus on developing disease resistant or nutritious products
- Investigate soil problems or poor water quality
- Communicate results of your research or projects to others
- Teach courses or lead workshops on these topics
- Develop methods of conserving soil that can help farmers or foresters
- Develop different soils that are suitable for different plant types
- Give advice on the regulations and standards for land and soil conservation
- Conduct experiments on what affects plant yield

Your Interests:

- Do you like conducting research?
- Are you interested in crops and soil and what affects them?
- Do you want to be involved in developing new methods, crops, soils, and more?

Outlook: **Green, Bright**

Average Salary - \$30.39 hourly, \$63,200 annual

Projected Job Openings - 2,200 over the next 10 years.

Education/Program of Study:

- Most occupations require graduate school, some require a master's while other require a Ph.D., M.D., or J.D (a law degree)

Sources:

<https://www.onetonline.org/link/summary/19-1013.00>