

# Greenhouse Grower/Manager



## What They Do

A Greenhouse Manager will oversee the production and care of a variety of crops including but not limited to propagation, irrigation, pest control, routine maintenance and harvest. A Greenhouse Manager will be well rounded with knowledge in crop and soil sciences as well as people management and conflict resolution.

## Job Duties

- Conduct routine crop analysis
- Track and benchmark yield and quality metrics
- Understand chemical analysis, plant physiology and biological processes
- Scout greenhouse for invasive pests and implement and execute a control plan
- Make varietal selections based on yields, cultural behaviors and market trends
- Research, trail and implement new technologies or cultural practices to improve efficiencies or yields
- Problem solve or improvise on a daily basis
- Effectively communicate to up to 100 employees
- Develop, implement and routinely improve field training practices and SOPs
- Manage a dynamic and complex labor plan
- Identify Key Performance indicators and benchmark progress
- Operate highly specialized equipment, safely and effectively

## Job Earnings

**\*\*U.S. Bureau of Labor Statistics  
(2019 Median Annual Salary)**

Median Annual Salary: \$75,000

- Bottom 10% Annual Salary: \$55,000
- Top 10% Annual Salary: \$100,000

## Education/Training

A Bachelor's of Science degree is usually required for entry-level Greenhouse Growers. Degrees in plant science, agronomy, horticulture, controlled environment agriculture, biology, chemistry & biochemistry, and business & agribusiness are applicable.

## Job Outlook

The demand for greenhouse grown fruits, vegetables and other products continues to grow on an annual basis. Customers have looked to greenhouse grown items when looking for local, safer and more sustainable food. Other greenhouse items have been introduced in recent years including medicinal marijuana.

# Greenhouse Grower/Manager - Career Pathway

Ways to Start Preparing for Your Future Career TODAY!

1

## Middle/High School Classes to Take:

- Agriculture Classes
- Biology
- Chemistry
- Mathematics
- Communications
- Business
- DDP, CAD - Structural Design Classes

2

## Clubs/Extracurricular Activities:

- Future Farmers of America (FFA) Club ([www.FFA.org](http://www.FFA.org))
- 4-H ([www.4-H.org](http://www.4-H.org))
- Master Gardener Program w/ Cornell Cooperative Extension ([www.Genesee.CCE.Cornell.edu](http://www.Genesee.CCE.Cornell.edu))

3

## Local BOCES/Career & Technical Education Programs:

- Genesee Valley BOCES ([www.GVBOCES.org](http://www.GVBOCES.org))
  - Conservation (Batavia & Mount Morris Campuses)
- Orleans-Niagara BOCES ([www.ONBOCES.org](http://www.ONBOCES.org))
  - Conservation

4

## Volunteer Opportunities:

- Batavia Community Garden (Genesee County)
- Holley Community Garden (Orleans County)

5

## Local Colleges/Training:

- SUNY Alfred ([www.AlfredState.edu](http://www.AlfredState.edu))
- SUNY Cobleskill ([www.Cobleskill.edu](http://www.Cobleskill.edu))
- Cornell University ([www.Cornell.edu](http://www.Cornell.edu))
- Penn State University ([www.PSU.edu](http://www.PSU.edu))
- Ohio State University ([www.OSU.edu](http://www.OSU.edu))
- UMass Amherst ([www.UMass.edu](http://www.UMass.edu))