

HYDROPONICS PRODUCER

Hydroponics producers grow crops without soil, but using a water solution that is rich in nutrients, typically in greenhouses.

WHAT RESPONSIBILITIES WILL I HAVE?

- Choose plants to be planted for each growing season that can be grown cost effectively hydroponically
- Develop a system and time schedule for planting vegetables, herbs and other plants
- Oversee maintenance of hydroponic equipment and greenhouse, ordering of necessary equipment and seeds, and maintained accurate records and propagation journals
- Foster and grow our greenhouse business, develop business relationships with local chefs, and supply locally grown vegetables, herbs and micro herbs
- Determine what nutrients are needed by the plants being produced
- Find ways to make hydroponic systems more efficient
- Find ways to market produce throughout the year
- Test and maintain water quality for growing
- Project and compile an annual budget and potential income report for the greenhouse



WHAT EDUCATION & TRAINING IS REQUIRED?

Farming or gardening experience is necessary, but no degree is required

THE FOLLOWING HIGH SCHOOL COURSES ARE RECOMMENDED...

Agricultural education, mathematics, computer and business courses, biology

TYPICAL EMPLOYERS

Mostly self-employed but some may work for specialty food production companies or greenhouses

FUTURE JOB MARKET/OUTLOOK



SUGGESTED PROFESSIONAL ORGANIZATIONS & ASSOCIATIONS

- US Hydroponics Association
- The Hydroponic Society of America

AVERAGE ANNUAL FULL-TIME SALARY

\$25,000