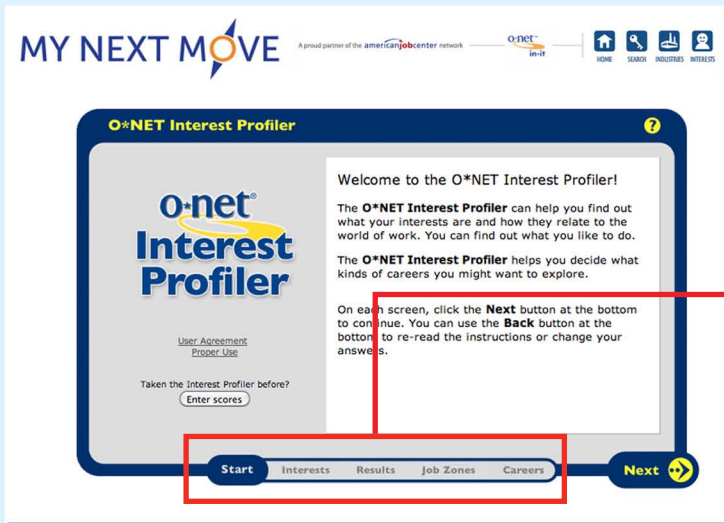




EXPLORE: YOUR NEXT MOVE



Find a career direction using the **Interest Profiler** tool from the U.S. Dept. of Labor at mynextmove.org/explore/ip

START INTEREST PROFILER

- 1. INTERESTS** — Answer 60 easy questions.
- 2. RESULTS** — Print out your Interest Profiler results.
- 3. JOB ZONES** — Select the level of education/training you prefer.
- 4. CAREERS** — Review the list of careers that fit your interests and preparation level. Click on ones that interest you to get a detailed Career Profile.

SAMPLE CAREER PROFILE

MY NEXT MOVE A proud partner of the [American Jobcenter network](#) **O*NET** In-It

Precision Agriculture Technicians Print Share

Also called: Crop Specialist, Nutrient Management Specialist, Precision Agriculture Department Manager, Precision Agronomist

What they do: Apply geospatial technologies, including geographic information systems (GIS) and Global Positioning System (GPS), to agricultural production or management activities, such as pest scouting, site-specific pesticide application, yield mapping, or variable-rate irrigation. May use computers to develop or analyze maps or remote sensing images to compare physical topography with data on soils, fertilizer, pests, or weather.

On the job, you would:

- Collect information about soil or field attributes, yield data, or field boundaries, using field data recorders and basic geographic information systems (GIS).
- Create, layer, and analyze maps showing precision agricultural data, such as crop yields, soil characteristics, input applications, terrain, drainage patterns, or field management history.
- Document and maintain records of precision agriculture information.

KNOWLEDGE

- Engineering and Technology**
 - computers and electronics
 - product and service development
- Business**
 - customer service
 - administrative services
- Math and Science**
 - arithmetic, algebra, geometry, calculus, or statistics
 - biology
- Arts and Humanities**
 - English language

PERSONALITY

People interested in this work like activities that include **practical**, hands-on problems and solutions.

They do well at jobs that need:

- Integrity
- Attention to Detail
- Dependability
- Analytical Thinking
- Initiative
- Cooperation

TECHNOLOGY

You might use software like this on the job:

- Map creation software**
 - ESRI ArcGIS software
 - ESRI ArcView
- Analytical or scientific software**
 - AGCO CITA Software Suite
 - Farm Works Site Pro
- Data base user interface and query software**
 - Ag Leader Technology SMS Advanced
 - John Deere Apex Farm Management

EDUCATION

bachelor's degree or associate's degree usually needed

Get started on your career: [Find Training](#) [Find Certifications](#)

JOB OUTLOOK

Bright New job opportunities are very likely in the future.

SALARY: **\$43,130** per year, on average [Check out my state](#) [Find Jobs](#)

green This work is part of the green economy.

EXPLORE MORE

- [Agricultural Inspectors](#)
- [Electrical & Electronics Repairers, Commercial & Industrial Equipment](#)
- [Electronics Engineering Technologists](#)
- [Environmental Compliance Inspectors](#)
- [Non-Destructive Testing Specialists](#)

You might like a career in one of these industries:

- Education
- Professional, Science, & Technical
- Government

[See more details at O*NET Online](#) about precision agriculture technicians.

Help Explore Careers **O*NET Sites**

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REVIEW the Career Profile that most interests you. Then fill in this information:

JOB TITLE: _____

EDUCATION NEEDED:
 Certificate Apprenticeship 2-year Degree 4-year Degree

EDUCATION/TRAINING is available at (input a location): _____

PROGRAM OF STUDY IS _____

JOB OUTLOOK for this career is:
 Bright Average Below average

AVERAGE SALARY you might expect to earn: _____

After reviewing the Career Profile, list 3 reasons why this career would be right for you:

- _____
- _____
- _____

If you found several careers that interest you, review and fill out this information sheet for each one. Then compare your results. Use the **Thinking Caps** tool in the Decision lesson to help you make a choice.