

More South Dakota Hot Careers

Beyond the
Top **30**

High Demand & High Wage Career

Career Cluster: Agriculture, Food and
Natural Resources



Pesticide Handlers, Sprayers and Applicators, Vegetation

Standard Occupational Code 37-3012

What They Do

Mix or apply pesticides, herbicides, fungicides or insecticides through sprays, dusts, vapors, soil incorporation or chemical application on trees, shrubs, lawns, or botanical crops. Usually requires specific training and certification.

Is This For You?

Work Interests are described in the following categories (compatible with Holland's Model). People who tend to succeed in this career are:

Realistic (Doers) — Prefer to work with objects, things, machines, tools, plants or animals. They have mechanical ability, enjoy being outdoors and working with their hands.

Conventional (Organizers) — Detail oriented and organized. They like to analyze data, keep financial records and do research. They can be counted on to be accurate and enjoy structure and closure.

Work Values are aspects of work that are satisfying to you. The following work values are generally associated with this career.

Support — Occupations that satisfy this work value offer supportive management that stands behind employees.

Independence — Allow employees to work on their own and make decisions.

Working Conditions — Offer job security and good working conditions.

Abilities reflect a person's aptitude to acquire skills and knowledge. The following abilities are important for success in the career:

- Near Vision
- Arm-Hand Steadiness
- Control Precision
- Deductive Reasoning
- Oral Comprehension
- Problem Sensitivity
- Speech Recognition
- Manual Dexterity

Basic Skills You Need

- Active Listening
- Critical Thinking
- Speaking
- Time Management
- Complex Problem Solving
- Coordination
- Judgment and Decision Making
- Operation and Control
- Operations Monitoring
- Reading Comprehension
- Social Perceptiveness

Education & Training

The minimum of a high school diploma is recommended, followed by on-the-job training. Training includes instruction on safety procedures, since many pesticides are hazardous.

South Dakota Employment & Wages

2020 Workers	2030 Workers	Numeric Change	Percent Change	Average Annual Demand for Workers	Annual Median Wage	Annual Average Wage
699	769	70	10.0%	102	\$40,260	\$41,370

Additional References

Labor Market Information Center

www.dlr.sd.gov/lmic

Career OneStop

www.careeronestop.org

O*Net Online

www.onetonline.org

mySkills myFuture

<https://www.myskillsmyfuture.org/>

Auxiliary aids and services are available upon request to individuals with disabilities. U.S. DOL funded. For details, see dlr.sd.gov/lmic/eta_grant.aspx.

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Recommended Levels* for the National Career Readiness Certificate

Applied Math	3
Workplace Documents	3
Graphic Literacy	4

*Using the median skill level.

Workplace Examples

The South Dakota industries which employ the largest number of pesticide handlers, sprayers and applicators of vegetation are:

- Merchant Wholesalers, Nondurable Goods
- Local Government, excluding Education and Hospitals
- Self Employment

Provided By

Labor Market Information Center
South Dakota Dept. of Labor and Regulation
605.626.2314

Visit dlr.sd.gov/hotcareers to obtain the most recent workforce data and trends and more resources, including this document. Also available are explanations of the terms used in this occupational profile.



June
2023