

# CAREER PATHS IN AGRICULTURE AND FOOD INDUSTRY

## 1-2 YEAR COLLEGE DEGREE (OR CREDENTIAL)

Diesel Engine Specialist  
**\$19.85**

Agricultural Inspector  
**\$21.62**

Farm Equipment Mechanic and Service Technician  
**\$19.87**

Heavy & Tractor Trailer Truck Driver  
**\$19.84**

## 4-YEAR OR MORE COLLEGE DEGREE AND/OR EQUIVALENT EXPERIENCE

Agricultural and Food Science Technician  
**\$17.71**

Veterinarian  
**\$29.72**

Precision Agricultural Technician  
**\$23.12**

Biological Technician  
**\$21.88**

## HIGH SCHOOL DIPLOMA OR GED AND/OR EXPERIENCE

Farmer, Rancher, and Other Agricultural Managers  
**\$33.47**

Farmworker and Laborer, Crop, Nursery, and Greenhouse  
**\$15.52**

Slaughterer and Meat Packer  
**\$13.54**

Agricultural Equipment Operator  
**\$19.59**

These jobs are in demand in Northwest Minnesota and these are Northwest Minnesota Median wages. Data collected from Department of Employment and Economic Development.

## WHY CHOOSE A CAREER IN AG?

The Agriculture and Food Industry is the 2nd largest employer in Minnesota which includes 367,000 jobs that are directly and indirectly related to the industry.

Northwest PICinc

 Rural Minnesota CEP | concentrated employment program, inc.

# CAREER PATHS IN AGRICULTURE AND FOOD INDUSTRY

## 4-YEAR OR MORE COLLEGE DEGREE AND/OR EQUIVALENT EXPERIENCE

**Agricultural and Food Science Technician \$17.71** Work with agricultural and food scientists in food, fiber, and animal research, production, and processing; and assist with animal breeding and nutrition. Conduct tests and experiments to improve yield and quality of crops or to increase the resistance of plants and animals to disease or insects. Includes technicians who assist food scientists or technologists in the research and development of production technology, quality control, packaging, processing, and use of foods.

**Precision Agriculture Technician \$23.12** 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.

**Veterinarian \$29.72** Diagnose, treat, or research diseases and injuries of animals. Includes veterinarians who conduct research and development, inspect livestock, or care for pets and companion animals.

**Biological Technician \$21.88** Assist biological and medical scientists in laboratories. Set up, operate, and maintain laboratory instruments and equipment, monitor experiments, make observations, and calculate and record results. May analyze organic substances, such as blood, food, and drugs.

## 1-2 YEAR COLLEGE DEGREE (OR CREDENTIAL)

**Diesel Engine Specialist \$19.85** Diagnose, adjust, repair, or overhaul buses and trucks, or maintain and repair any type of diesel engines. Includes mechanics working primarily with automobile or farm equipment and construction diesel engines.

**Farm Equipment Mechanics and Service Technician \$19.87** Diagnose, adjust, repair, or overhaul farm machinery and vehicles, such as tractors, harvesters, dairy equipment, and irrigation systems.

**Agricultural Inspector \$21.62** Inspect agricultural commodities, processing equipment, and facilities, and fish and logging operations, to ensure compliance with regulations and laws governing health, quality, and safety.

**Heavy & Tractor Trailer Truck Driver \$19.84** Drive a tractor-trailer combination or a truck with a capacity of at least 26,000 pounds Gross Vehicle Weight (GVW). May be required to unload truck. Requires commercial drivers' license.

## HIGH SCHOOL DIPLOMA OR GED AND/ OR EXPERIENCE

**Farmer, Rancher, and Other Agricultural Managers \$33.47** Plan, direct, or coordinate the management or operation of farms, ranches, greenhouses, aqua cultural operations, nurseries, timber tracts, or other agricultural establishments. May hire, train, and supervise farm workers or contract for services to carry out the day-to-day activities of the managed operation. May engage in or supervise planting, cultivating, harvesting, and financial and marketing activities.

**Slaughterer and Meat Packer \$13.54** Plan, direct, or coordinate the management or operation of farms, ranches, greenhouses, aqua cultural operations, nurseries, timber tracts, or other agricultural establishments. May hire, train, and supervise farm workers or contract for services to carry out the day-to-day activities of the managed operation. May engage in or supervise planting, cultivating, harvesting, and financial and marketing activities.

**Farmworker and Laborer, Crop, Nursery, and Greenhouse \$15.52** Plan, direct, or coordinate the management or operation of farms, ranches, greenhouses, aqua cultural operations, nurseries, timber tracts, or other agricultural establishments. May hire, train, and supervise farm workers or contract for services to carry out the day-to-day activities of the managed operation. May engage in or supervise planting, cultivating, harvesting, and financial and marketing activities.

**Agricultural Equipment Operator \$19.59** Drive and control farm equipment to till soil and to plant, cultivate, and harvest crops. May perform tasks, such as crop baling or hay bucking. May operate stationary equipment to perform post-harvest tasks, such as husking, shelling, threshing, and ginning.

