

## Careers in Dairy and Agriculture

### Lesson Introduction

In addition to working directly on a dairy farm, there are numerous careers available in dairy and agriculture. Today we are going to learn about many of these careers.

This lesson will match your interests to careers in dairy and agriculture suited for you. You will then analyze information to determine your favorite career in agriculture.

### Lesson Objectives

- Students will be able to name at least three careers in dairy and agriculture.
- Students will be able to determine the primary responsibilities, education, recommended high school courses, annual salary, and projected growth of careers in dairy and agriculture.
- Students will be able to identify the career in agriculture that interests them most.

**Time:** 40 to 45 minutes

### Materials Needed

- Computer or paper and pencil
- Multimedia projector and screen
- [Careers in Dairy and Agriculture Lab Worksheet](#)
- [Dairy and Agriculture PowerPoint](#)
- [Dirty Jobs Video](#)
- [Career Link Video](#)

### Vocabulary

- Career, job, and occupation

### Lesson Components

- Introduction & Activating Strategy - 10 minutes
- Careers in Dairy and Agriculture Lab - 25 minutes
- Career Quiz - 5 minutes
- Lesson Closure - 5 minutes

## Activating Strategy

From hoof trimmers to artificial insemination specialists, herd managers to lawyers, the dairy and agriculture industry employs approximately 2% of the United States population.

Let's watch a [video](#) showing when Mike Rowe explored the "Dirty Job" of hoof trimming.

Video link: [https://www.youtube.com/watch?v=E4\\_Dsel8oRg\\_](https://www.youtube.com/watch?v=E4_Dsel8oRg_)

## Career Quiz

Use slides 8—9 to introduce the Career Quiz to the students. Share the [link](#) with students to complete the Career Quiz independently.

Career Quiz Link: <https://www.agandfoodcareersinpa.com/career-quiz.html>

## Careers in Dairy and Agriculture Lab

For this lab, students will use the provided worksheet to compile their information about various careers in dairy and agriculture which match their interests based on the Career Quiz. Use slide 10 to go over the process for students to use the Career Quiz results to narrow their choices of careers to three and then to one favorite career in agriculture.

Give each student the "Careers in Dairy and Agriculture Lab Sheet." Allow students class time to work together on the lab, walking around providing assistance as needed.

## Lesson Closure

Make sure students have completed the lab before moving onto the lesson closure.

Lesson Closure: "Today you learned about various careers in dairy and agriculture. To help you apply your learning, you took a Careers Quiz to determine the right career field in dairy and agriculture for you. From the list of given careers within that career field, you explored three of these careers in depth, looking at responsibilities, education, salary and other important facts to make an informed decision on your favorite career in agriculture. Tell us what career in dairy and agriculture was your favorite career."





# Adopt A Cow Update 2

Careers in Dairy and Agriculture



**Part  
1**

# **Introduction**

# Introduction



In addition to working directly as a dairy farmer, there are numerous careers available in dairy and agriculture. Today we are going to learn about many of these careers in dairy and agriculture.

This lesson will match your interests to careers in dairy and agriculture suited for you. You will then analyze information about these careers to determine your favorite agriculture career.

# Learning Objectives



- Students will be able to name at least three careers in dairy and agriculture.
- Students will be able to determine primary responsibilities, education, recommended high school courses, annual salary, and projected growth of careers in dairy and agriculture.
- Students will be able to identify the career in agriculture that interests them the most.



# Essential Vocabulary

**Career** – an occupation undertaken for a significant period of time in a person's life

**Job** – a paid position of regular employment

**Occupation** – a job or profession



Part  
2

# Careers in Dairy and Agriculture





# Activating Strategy

Many different job opportunities are available in dairy and agriculture. From hoof trimmers to artificial insemination specialists, herd manager to lawyers, the dairy and agriculture industry employs approximately 2% of the United States population.

Let's watch a [video](#) showing when Mike Rowe explored the "Dirty Job" of hoof trimming.





# Questions to Consider When Choosing a Career

- Do I want to work inside or outside?
- What school subject(s) are of greatest interest to me?
- Do I prefer working individually or in teams?
- Am I okay with travelling as part of my career?
- Other Questions?



# Ag and Food Careers Quiz

Because there are many careers in dairy and agriculture, you can use your answers to these questions to find possible careers in agriculture which match your interests.

Let's begin by having you take the [Career Quiz](#) on the [Pennsylvania Ag and Food Careers](#) website.





# Careers in Dairy and Agriculture Lab

- After completing the Career Quiz, you will be given the career field which best matches you.
- Click on that link to see jobs within your career field that best match you.
- Of the dairy and agriculture careers listed, choose your top three careers.
- Using the links from the [Ag and Food Careers List](#) of your top three careers, complete the dairy career cards.
- After getting more information about your top three careers, pick your favorite agriculture career.
- Watch the video of someone with your favorite ag career and find out their favorite part of the job.

# Lesson Closure

Today you learned about various careers in dairy and agriculture. To help you apply your learning, you took a Careers Quiz to determine the right career field in dairy and agriculture for you. From the list of given careers within that career field, you explored three of these careers in depth, looking at responsibilities, education, salary and other important facts to make an informed decision on your favorite career in agriculture.

Tell us what career in dairy and agriculture was your favorite career.





**Brittany Snyder**  
**Dairy Education Program Manager**  
**Email: [info@discoverdairy.com](mailto:info@discoverdairy.com)**

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Adopt a Cow Update 2 Lesson Careers in Dairy and Agriculture Lab

**Directions: Answer the questions below in the spaces provided.**

1. Take time to truthfully answer the 10-question [Career Quiz](#) from the Pennsylvania Ag and Food Careers website.

Which career field is listed as your match? \_\_\_\_\_

2. Click on the career field link, and you will see various jobs within this career field. List three of these agriculture careers which interest you.

a. \_\_\_\_\_

b. \_\_\_\_\_

c. \_\_\_\_\_

3. Go to the [Ag and Food Careers List](#) to complete the information cards below for each of your three agriculture careers.

**Career Name:** \_\_\_\_\_

**Primary Responsibilities:**

**Recommended High School Courses:**

**Education/Training:**

**Median Annual Salary:** \_\_\_\_\_

**Projected Growth:** \_\_\_\_\_

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**Primary Responsibilities:**

**Recommended High School Courses:**

**Education/Training:**

**Median Annual Salary:** \_\_\_\_\_

**Projected Growth:** \_\_\_\_\_

**Career Name:** \_\_\_\_\_

**Primary Responsibilities:**

**Recommended High School Courses:**

**Education/Training:**

**Median Annual Salary:** \_\_\_\_\_

**Projected Growth:** \_\_\_\_\_



**Directions: Answer the questions below in the spaces provided.**

4. Given these three completed career cards, determine your favorite career.

Your favorite career is \_\_\_\_\_ .

5. Go back to the [Ag and Food Careers List](#) and find your favorite career. Watch the video of someone with a job in your favorite career. Fill in important information he or she said in the spaces below.

a. Name: \_\_\_\_\_

b. Business: \_\_\_\_\_

c. Favorite Parts of the Job: \_\_\_\_\_