



Dairy Cattle

In this project youth will:

- Learn about product marketing, processing, distribution, and consumption along with principles of cleanliness and sanitation related to dairy products and the role of dairy to positive health.

Beginner	Intermediate	Advanced
Learn the breeds of dairy cattle	Step up your dairy cattle judging skills	Join a dairy judging team or a dairy quiz bowl team
Identify parts of the dairy cow	Learn the Dairy Cattle Body Condition Scoring System	Learn to interpret an animal medication label
Learn how to select a dairy cow	ID animal health signs and how to treat sickness	Utilize records to make management decisions in your project
Learn how to groom a dairy heifer	Learn how to groom a dairy heifer	Balance a dairy ration
Keep project records including cost data	Demonstrate proper milking procedures	Explore careers in the dairy industry
Explore milk production systems		

4-H:
Making the Best Better

Head:

To think, to plan, and to reason:

- Record Keeping
- Goal Setting
- Problem Solving
- Decision Making

Heart:

To be kind, true, and sympathetic:

- Feeling
- Caring
- Sportsmanship
- Responsibility

Hands:

To be useful, helpful, and skillful:

- Working
- Community Service
- Giving
- Teamwork

Health:

To resist disease, enjoy life, and to make for efficiency:

- Personal Safety
- Self-esteem
- Character
- Responsibility



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Experience • Share • Generalize • Apply

Expand Your Experiences!

Healthy Living

- Develop a healthy dairy recipe and share with your 4-H Club or enter in the local Dairy Foods contest.
- Create a display highlighting the nutritional benefits of milk.

Science, Engineering, and Technology

- Perform a California Mastitis Test (CMT) and interpret the results.
- Observe and assist in delivery of a calf
- Compare different types of milk (Whole, 2%, skim)

Citizenship

- Volunteer your animal for a local project fair or petting zoo
- Write an article about the dairy industry and submit to your local newspaper.

Leadership

- Organize a dairy farm tour for your 4-H club.
- Prepare and present a speech about a dairy related topic.
- Apply for the Arkansas' Dairy Ambassador Program.
- Be a mentor for a younger 4-H member

Resources

4-H Dairy Curriculum

www.4-h.org/resource-library/curriculum/4-h-dairy-cattle

World Dairy Expo

www.worlddairyexpo.com

Hoards Dairyman

www.hoards.com

Journal of Dairy Science

www.journalofdairyscience.org

University of Wisconsin, Department of Dairy Science

<http://dysci.wisc.edu/>

Cornell University Dairy Youth Resources

<http://www.ansci.cornell.edu/4H/dairyresources.html>



Opportunities

Animal Science or Vet Science Talk contest at 4-H O'Ramas

Attend Arkansas 4-H Dairy Camp

Compete or volunteer at Four States Dairy Days

Attend National 4-H Dairy Conference

Participate on a Dairy Quiz Bowl or Dairy Judging Team

Curriculum

Cowabunga! Level 1

Moooving Ahead Level 2

Leading the Way Level 3

Dairy Project Leaders Guide

Learning About Dairy

"Dairy Resource Handbook"
The Ohio State University Extension

4-H Record Book

4-H Record Books are a great way to learn record keeping skills.

You can track time & money spent in your project areas as well as your educational experiences, leadership and community service.

Record books can be a great resource for scholarships!

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