

# *Ionia County*



## *Dairy Project Record Book* *Senior (Age 15-19)*

Do **NOT** put this record book in a binder.

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

4-H Club: \_\_\_\_\_

4-H Leader: \_\_\_\_\_

Age (as of 1/1): \_\_\_\_\_ Years in 4-H Dairy Project: \_\_\_\_\_

MICHIGAN STATE  
UNIVERSITY  
EXTENSION

Rev. 1/2026

## **W**hy Keep Records?



Members learn more about their project animals, costs, feed, health and management skills.

Documents activities and progress in the project.  
Improves management and production practices.  
Helps plan future projects.

Keep this record as part of your Personal 4-H Records.

This information is helpful in applying for 4-H awards and scholarships.

Remember records are no better than what YOU put into them!

Dairy Leader's Signature: \_\_\_\_\_

### **Extra Credit for my Dairy Project?**

An outstanding 4-H project record is one that goes above and beyond what is expected. Be creative!

- A completed record book should have a beginning and final photograph. You are encouraged to be in the photo with your project animal(s) and to include more photographs. Include captions. You may use additional pages.
- Write a report on a related topic of at least one page: Proper Care and Nutrition, Selection, Animal Science, Safe Management Practices or Diagram of Farm Set-up, Veterinary Science, Food Products (such as sample "healthy" recipes) of cheese or milk, etc.

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Email: [heintze8@msu.edu](mailto:heintze8@msu.edu)

## Dairy Project Summary

Number of years in the Dairy Project, including this year? \_\_\_\_\_

Have you participated in other dairy activities, or would like to participate in?

Yes \_\_\_\_\_ No \_\_\_\_\_

If yes, list the activities, shows, fairs or related programs attended: What were the three most important things you learned this year about dairy?

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What were the three most important things you learned this year about dairy?

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What are your goals for this year's dairy project?

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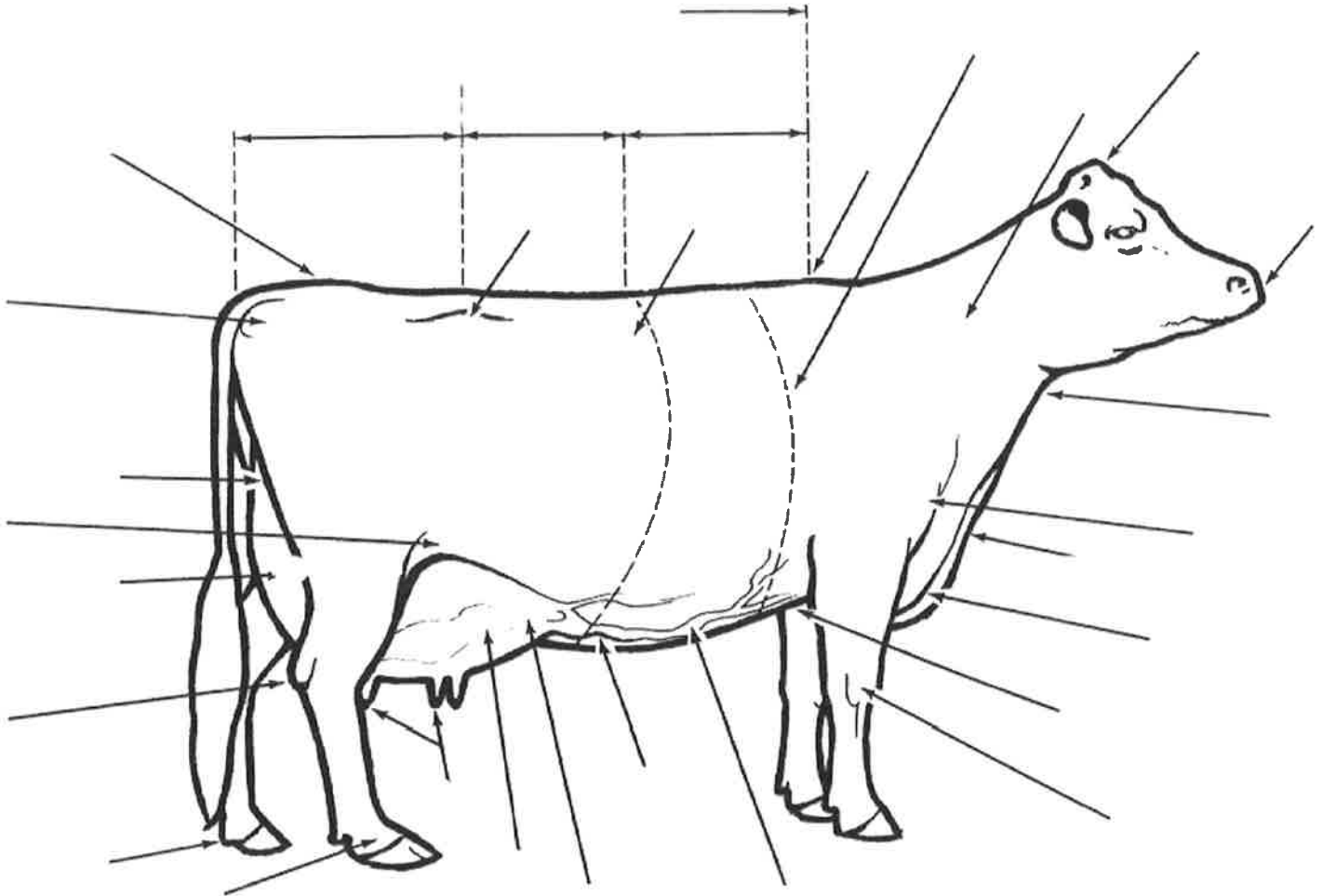
## **Dairy Project Photos**

Be creative. The more photos, the better! You are encouraged to be in the photo with your Dairy project animal(s). You should also include captions on your pictures that at least include the date of the photograph.

## Name the Parts

*Write the part number on each line.*

- |                           |                          |
|---------------------------|--------------------------|
| 1. muzzle                 | 17 Neck                  |
| 2. Hip                    | 18 Chine                 |
| 3. Dewclaw                | 19 Teats                 |
| 4. Brisket                | 20 Point of Shoulder     |
| 5. Throat                 | 21 Fore udder            |
| 6. Dewlap                 | 22 Fore udder attachment |
| 7. Knee                   | 23 Tail Head             |
| 8. Flank                  | 24 Loin                  |
| 9. Pin Bones              | 25 Milk Wells            |
| 10. Heart Girth           | 26 Hock                  |
| 11. Back                  | 27 Chest floor           |
| 12. Rump                  | 28 Pastern               |
| 13. Mammary Veins         | 29 Barrel                |
| 14. Poll                  | 30 Withers               |
| 15. Rear udder            |                          |
| 16. Rear udder attachment |                          |



# Management Records

Name:	Breed:	Control or ID Number:
Date of Birth or Age:	RFID <i>(required)</i> :	Tattoo: Left - Right-

Name:	Breed:	Control or ID Number:
Date of Birth or Age:	RFID <i>(required)</i> :	Tattoo: Left - Right-

Name:	Breed:	Control or ID Number:
Date of Birth or Age:	RFID <i>(required)</i> :	Tattoo: Left - Right-

How often is your project fed and watered?

What does your animals feed consist of?

What type of bedding is used for your project?

If your dairy project is milked, what is the milking procedure from beginning to end?

# Records Questionnaire

Questions refer to the farm or herd where your cow/heifer is regularly housed

What breed(s) of cattle does the farm have?

How many lactating cows does the farm have?

How many dry cows does the farm have?

How many heifers and calves are on the farm?

Is the herd on a dairy testing program?

If yes, which program?

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**You've always wanted to work in the Dairy Industry but do not want to be a Dairy Farmer or Milk Producer. Describe another type of career you might look into:**

# Dairy Genetics

1. The Dairy Cow Unified Score Card classifies traits on which a classifier base's a cow's score. Each trait is broken down into body parts to be looked at and ranked. What are these four traits?

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2. Describe proper udder traits:

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3. Name one strength and how you display this in the showing:

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4. Name one weakness and how you minimize this in the showing:

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# Dairy Cow Unified Score Card

Using the Dairy Cow Unified Score Card, list the criteria under each of the four major traits.

1. Frame - 15%

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2. Dairy Strength - 25%

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3. Rear Feet and Legs - 20%

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4. Udder - 40%

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# Problem Solving

1. Name a vaccine that Dairy Farms use to prevent respiratory disease:

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2. Your dairy animal has milk fever. What causes milk fever and what symptoms might the animal show? What is a proper treatment for this disease?

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## My 4-H Dairy Project Record Book Score Sheet

4-H Member: \_\_\_\_\_

4-H Club: \_\_\_\_\_

<i>Page</i>		<i>Possible Points</i>	<i>Your Points</i>
1 - 2	COVER SHEET & WHY KEEP RECORDS	5	
	All information is neat and complete/signed by leader		
3	DAIRY PROJECT SUMMARY	10	
	All information is neat and complete. All questions are answered.		
4	DAIRY PROJECT PHOTOS	5	
	Includes photographs of project animal(s). Captions included with pictures.		
5	NAME THE PARTS	10	
6	MANAGEMENT RECORDS	10	
7	RECORDS QUESTIONNAIRE	10	
8	DAIRY GENETICS	10	
9	UNIFIED SCORE CARD	10	
10	DAIRY JUDGING SKILLS	10	
11	PROBLEM SOLVING	10	
12	WORK YOU HAVE DONE TO PREPARE YOUR DAIRY PROJECT	10	
	Information and signature complete.		