

Ionia County



Dairy Project Record Book *Intermediate (Age 12-14)*

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

Why 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, Diagram of Farm Set-up, Veterinary Science, Food Products (such as sample "healthy" recipes) of cheese or milk, etc.

Ionia County MSU Extension
50 E. Sprague Rd.
Ionia, MI 48846
Phone: (616) 330-4453
Email: 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?

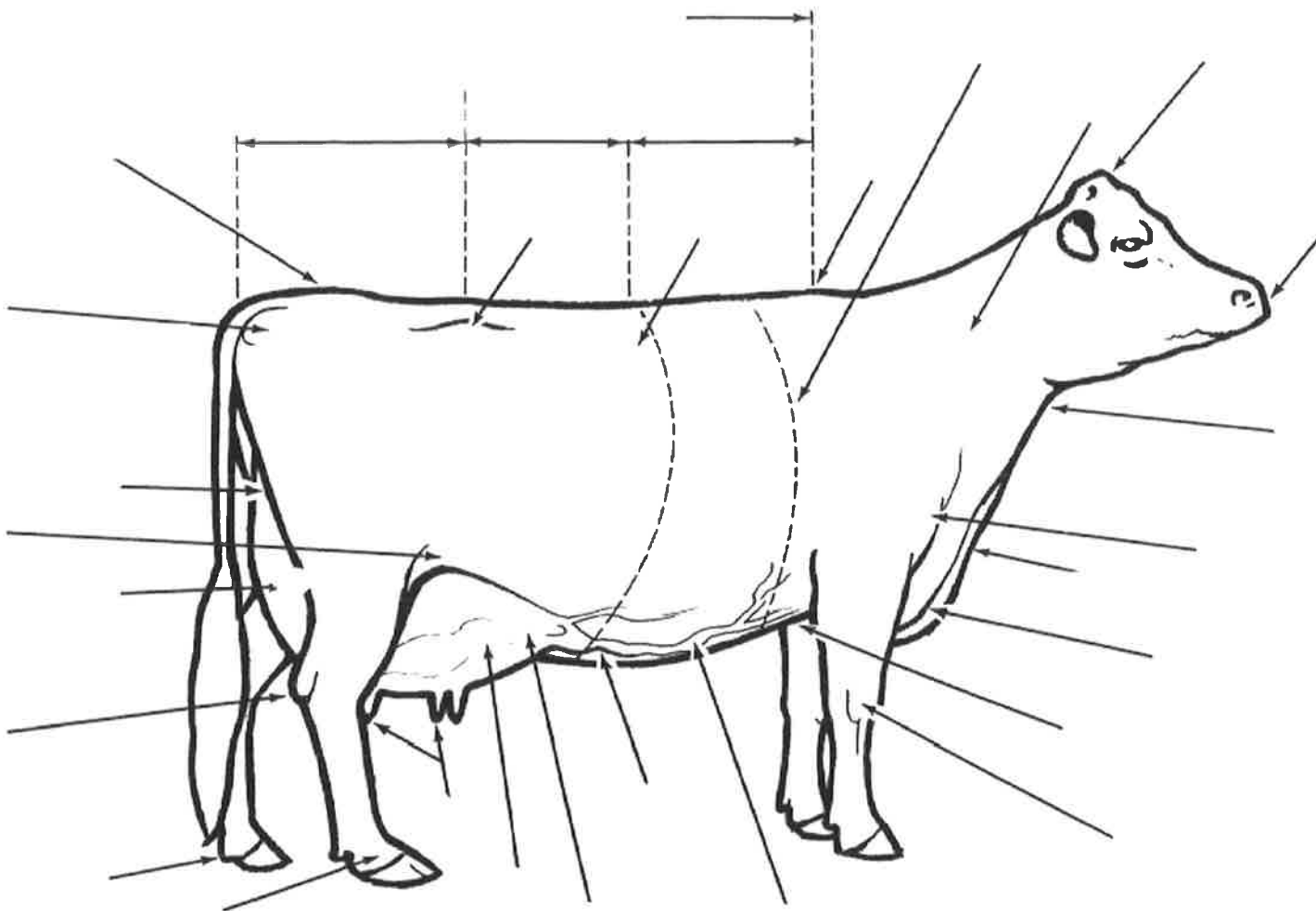
What were the three most important things you learned this year about dairy?

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

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 number from the word bank to label the parts.

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

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-	

What is the most important nutrient for your project?

What does your animals feed consist of?

What type of bedding is used for your dairy project?

What is the milking procedure for a cow 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 cows does the farm have?

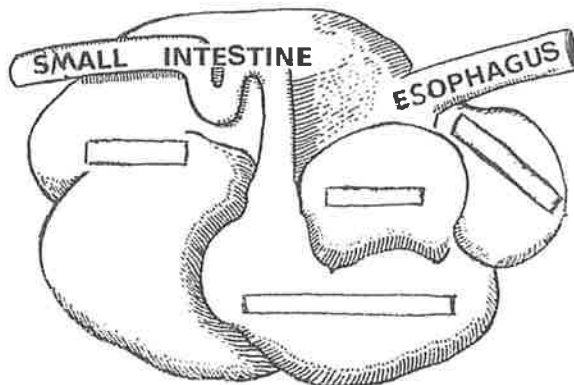
How many lactating cows does the farm have?

How many dry cows does the farm have?

Is the herd on a dairy testing program?

If yes, which program?

Name the 4 Stomachs' of the Dairy Cow



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?
2. Describe proper udder traits:
3. Name one strength and how do you display this in the show ring?
4. Name one weakness and how you minimize this in the show ring?

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%

2. Dairy Strength - 25%

3. Rear Feet and Legs - 20%

4. Udder - 40%

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 PAGES Information neat and complete/signed by leader	5	
3	DAIRY PROJECT SUMMARY All information is neat and complete.	10	
4	DAIRY PROJECT PHOTOS Includes photographs of project animal(s). Captions included with pictures.	5	
5	NAME THE PARTS	15	
6	MANAGEMENT RECORDS All information complete for each animal	10	
7	RECORDS QUESTIONNAIRE	10	
8	DAIRY GENETICS All questions complete.	15	
9	JUDGING SKILLS	10	
10	DAIRY COW UNIFIED SCORE CARD	10	
11	Work you have done to prepare your Dairy Project	10	
	TOTAL Points A: 100-85, B: 84-75, C: 74-60, No Rating: 59-0		