



# Ionia County 4-H Dairy Feeder Record Book Senior (15-19)



(Revised 05.2024)

Place beginning project picture here.

Place ending project picture here.

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

4-H Age (*As of Jan. 1*): \_\_\_\_\_

Club: \_\_\_\_\_

Years in 4-H: \_\_\_\_\_ Years in Project: \_\_\_\_\_

Member's Signature: \_\_\_\_\_

Parent's Signature: \_\_\_\_\_

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

# Why Keep Records?

By keeping records, you will be able to see how much progress you make this year and over the course of your 4-H career as you set goals and work to accomplish them. Good records will:

- Help you learn about animals, their rate of growth, the feed they require, the cost of the feed they require and their habits.
- Increase understanding of your project's financial outcome.
- Assist you in gathering information to market your animal.
- Improve your management practices.
- Keep track of your project activities and learning experiences.
- Allow you to better plan for future livestock projects.

If you have questions or need help on this record book, please contact your leader, parent/guardian, or County MSU Extension Office.

## 4-H Information

*Fill in the blanks on the 4-H Pledge.*

I pledge...

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*What is the 4-H Motto?*

“ \_\_\_\_\_ ”

*Describe what 4-H means to you.*

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# My Market Animal Project Questions

1. Name and description of animal: \_\_\_\_\_  
\_\_\_\_\_
2. Where did you get your project animals? Reasons for selecting that breeder, farm, or business?  
\_\_\_\_\_  
\_\_\_\_\_
3. What factors did you consider when selecting your project (breed, age, price, disposition)?  
\_\_\_\_\_  
\_\_\_\_\_
4. What type of housing did you provide your animals? Where was the location of your animals? (ex. your house, grandparents, neighbors, etc.)  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
5. Compare your profit/loss. What can be done to improve your profit?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
6. Explain how you trained and prepared your animal for show:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
7. What goals did you set for yourself and your project this year? Did you reach your goals?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
8. What is one thing that you have helped or taught someone else this year?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

9. What is one thing that you learned this year?

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10. List five qualities of a good showperson:

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_
- d. \_\_\_\_\_
- e. \_\_\_\_\_

11. List five qualities of a bad showperson:

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_
- d. \_\_\_\_\_
- e. \_\_\_\_\_

12. What management strategies did you implement to improve animal health and well being?

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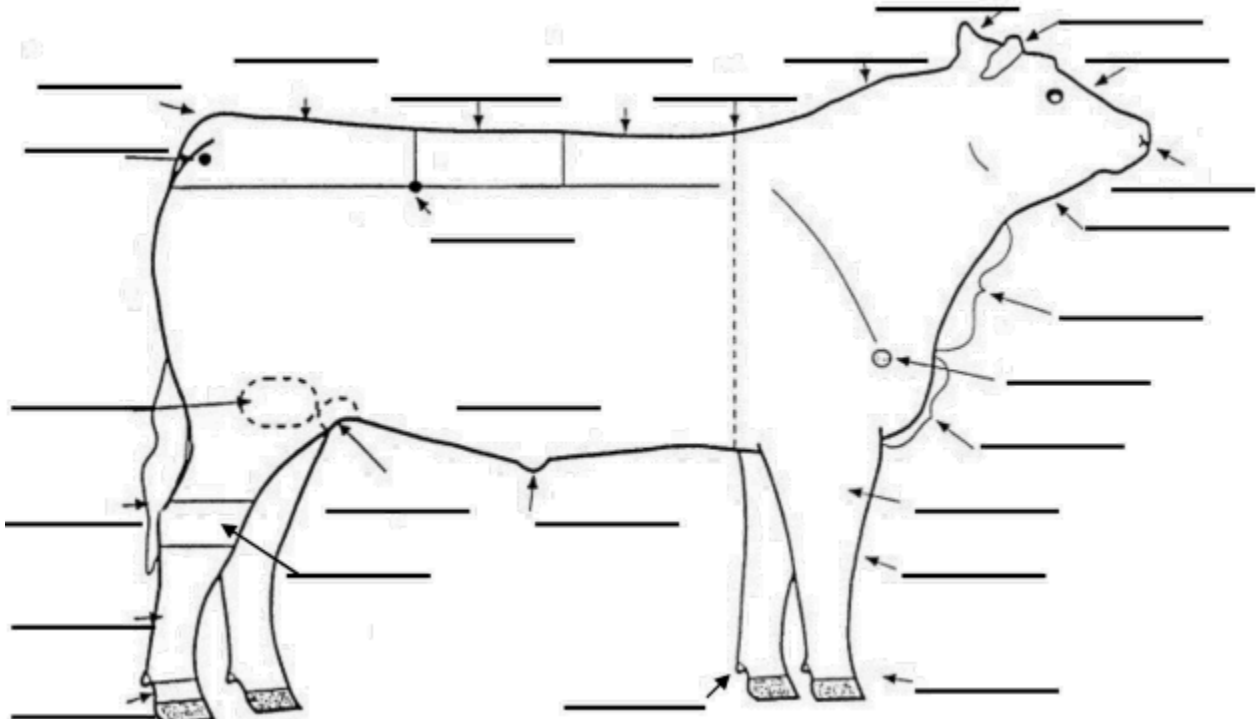
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13. List the names of three potential buyers that you contacted about the Sale for this project:

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_

# Parts of A Feeder Steer

Write in the number of 25 body parts on the table below that match the correct part of the animal.



1. Back	5. Crest	9. Face	13. Hoof	17. Muzzle	21. Poll	25. Stifle Joint
2. Belly	6. Dew Claw	10. Forearm	14. Hook	18. Pastern	22. Rear Flank	26. Switch
3. Brisket	7. Dewlap	11. Heart Girth	15. Knee	19. Pin	23. Rump	27. Tail Head
4. Cannon Bone	8. Ear	12. Hock	16. Loin	20. Point of Shoulder	24. Sheath	28. Throat

## Diseases

List 3 common diseases of beef

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## Breeds

List 3 breeds of dairy feeders

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## By-Products

List 3 by-products of beef

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## Retail Meat Cuts

List 3 retail meat cuts of beef

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# Dairy Feeder Facts Crossword Puzzle

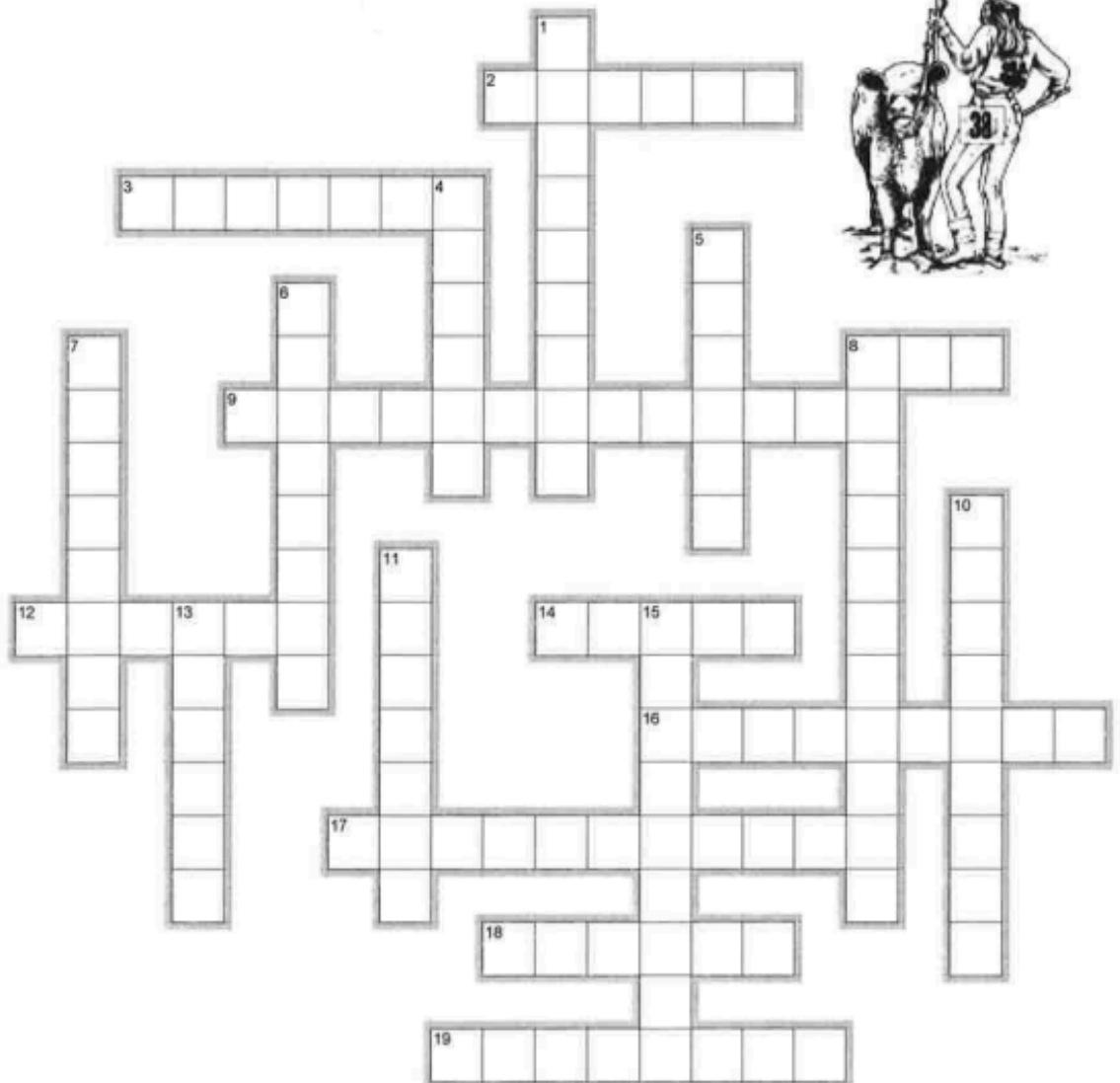
## Across

2. Born without horns
3. In beef, having flecks of fat interspersed in muscle
8. A wad of food burped up from the rumen to be rechewed
9. Giving an injection into a muscle
12. A rope or leather headgear used to control or lead an animal.
14. These animals are polled with a black, smooth coat. They are known for their carcass quality and milking, mothering, and reproductive abilities
16. These animals have red to dark red, spotted bodies with white to light straw faces. They are noted for their fast growth and milking abilities.
17. A cow's normal body \_\_\_\_\_ is 101.5 degrees F
18. To mature and fatten enough to butcher.
19. An animal that chews its cud and has four stomach compartments

## Down

1. The first milk, high in antibodies, produced by a female mammal after it gives birth
4. Loose skin under the neck
5. Persistent diarrhea in young animals
6. A fungal infection causing scaly patches of skin.
7. Feed that is high in fiber and low in energy
8. An enclosed feeder for supplementing the ration of young animals that exclude larger animals.
10. These animals can be red, white, or roan in color. They are noted for their good disposition, mothering, and milking abilities.
11. A beef by-product
13. The permanent identification of animals produced by placing indelible ink under the skin.
15. Period of time a beef is pregnant: about 9 months

**ANGUS**  
**COLOSTRUM**  
**CREEPFEEDER**  
**CUD**  
**DEWLAP**  
**FINISH**  
**GESTATION**  
**HALTER**  
**INTRAMUSCULAR**  
**LEATHER**  
**MARbled**  
**POLLED**  
**RINGWORM**  
**ROUGHAGE**  
**RUMINANT**  
**SCOURS**  
**SHORTHORN**  
**SIMMENTAL**  
**TATTOO**  
**TEMPERATURE**



# Feed and Expense Items

Record of Feed Expense (Hay/roughage, grains, minerals, other)		
Month	Type of Feed	Total Dollar Amount
		\$
		\$
		\$
		\$
		\$
		\$
		\$
		\$
		\$
<b>TOTAL FEED EXPENSE</b>		\$
Record of Other Expense (Veterinary, vaccinations, wormer, bedding, housing, other)		
Month	What you Bought	Total Dollar Amount
		\$
		\$
		\$
		\$
		\$
		\$
		\$
		\$
		\$
<b>TOTAL OTHER EXPENSE</b>		\$

# Project Performance Summary

	-		=		/		=	
<b>Ending Weight</b>	<b>minus</b>	<b>Beginning Weight</b>	<b>equals</b>	<b>Pounds Gained</b>	<b>divided by</b>	<b>Days on Feed</b>	<b>equals</b>	<b>Average Daily Gain</b>

<b>INCOME</b>					
Ending Weight: _____ LBS	<b>X</b> (times)	Market Price: \$ _____	<b>=</b>	Expected Income From Animal: \$ _____	
Other Income: (List items:)				\$ _____	
				\$ _____	
<b>TOTAL EXPECTED INCOME</b>					<b>\$ _____</b>
<b>EXPENSES</b>					
Purchase price of animal (if homegrown do market value @ weigh in)				\$ _____	
Cost of Feed				\$ _____	
Cost of Other Expense				\$ _____	
<b>TOTAL EXPENSES</b>					<b>\$ _____</b>
<b>PROFIT / LOSS: Income minus Expense (negative number equals a loss)</b>					<b>\$ _____</b>

Write the information from the feed tag or the recipe mixture that you use: \_\_\_\_\_

\_\_\_\_\_

Did the feed, mixture or quantity change during the project? Why and how did it change? \_\_\_\_\_

\_\_\_\_\_

How did you determine how much to feed your animal? \_\_\_\_\_

\_\_\_\_\_

# Senior Dairy Feeder Record Book Score Sheet

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

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

Page	Description	Possible Points	Your Points
1	<b>COVER PAGE</b> Completely filled out with all signatures and both pictures.	<b>10</b>	
2	<b>4-H INFORMATION</b>	<b>10</b>	
3-4	<b>MARKET ANIMAL PROJECT QUESTIONS</b> Each question is completely and clearly answered.	<b>20</b>	
5	<b>PARTS OF ANIMAL</b> Placed correctly and information filled out.	<b>20</b>	
6	<b>CROSSWORD</b>	<b>10</b>	
7	<b>FEED AND EXPENSE ITEMS</b>	<b>10</b>	
8	<b>PROJECT PERFORMANCE SUMMARY</b>	<b>20</b>	
	<b>TOTAL POINTS</b> <b>A: 90-100, B: 80-89, C: 70-79</b>	<b>100</b>	

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