



Ionia County 4-H Beef Record Book Senior (15-19)



(Revised 03.2024)

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...

What is the 4-H Motto?

“ _____ ”

Describe what 4-H means to you.

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?

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. _____

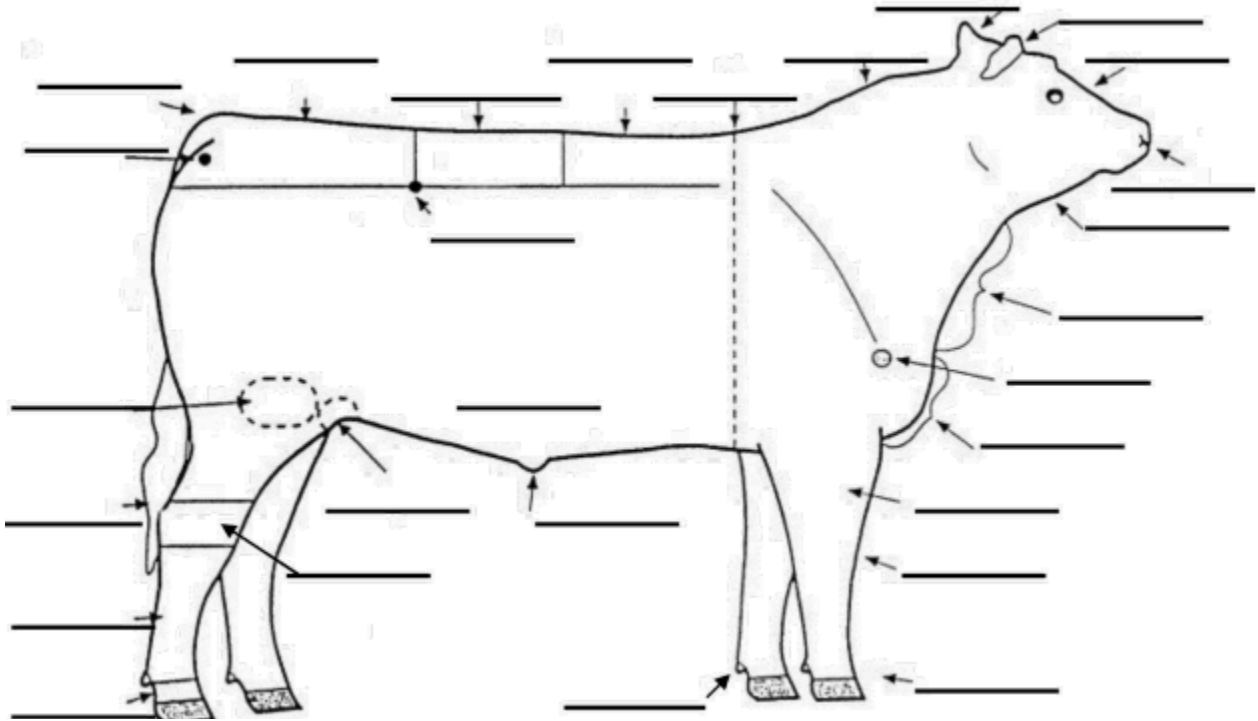
12. What management strategies did you implement to improve animal health and well being?

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

1. _____
2. _____
3. _____

Parts of A Beef

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

Breeds

List 3 breeds of beef

By-Products

List 3 by-products of beef

Retail Meat Cuts

List 3 retail meat cuts of beef

Beef Facts Crossword Puzzle

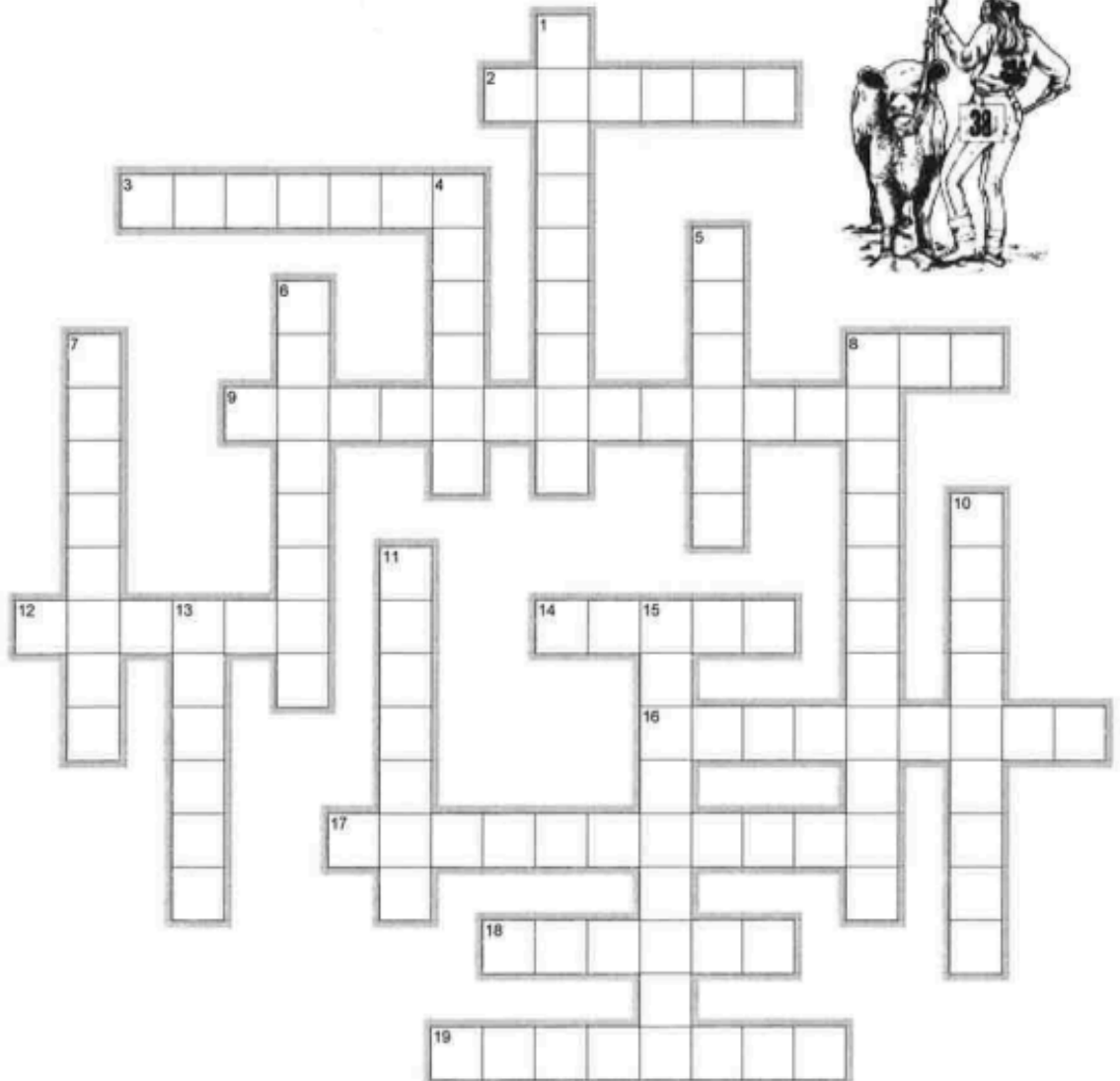
Across

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
		\$
		\$
		\$
		\$
		\$
		\$
		\$
		\$
TOTAL FEED EXPENSE		\$
Record of Other Expense (Veterinary, vaccinations, wormer, bedding, housing, other)		
Month	What you Bought	Total Dollar Amount
		\$
		\$
		\$
		\$
		\$
		\$
		\$
		\$
TOTAL OTHER EXPENSE		\$

Project Performance Summary

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

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

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 Beef Record Book Score Sheet

4-H Member: _____

4-H Club: _____

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

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