



# Ionia County 4-H Beef Record Book Junior (8-11)



(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...

My \_\_\_\_\_ to \_\_\_\_\_,

My \_\_\_\_\_ to \_\_\_\_\_,

My \_\_\_\_\_ to \_\_\_\_\_,

My \_\_\_\_\_ to \_\_\_\_\_, for my \_\_\_\_\_,

my \_\_\_\_\_, my \_\_\_\_\_ and my \_\_\_\_\_.

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

*"To Make the \_\_\_\_\_, \_\_\_\_\_"*

*Describe what 4-H means to you.*

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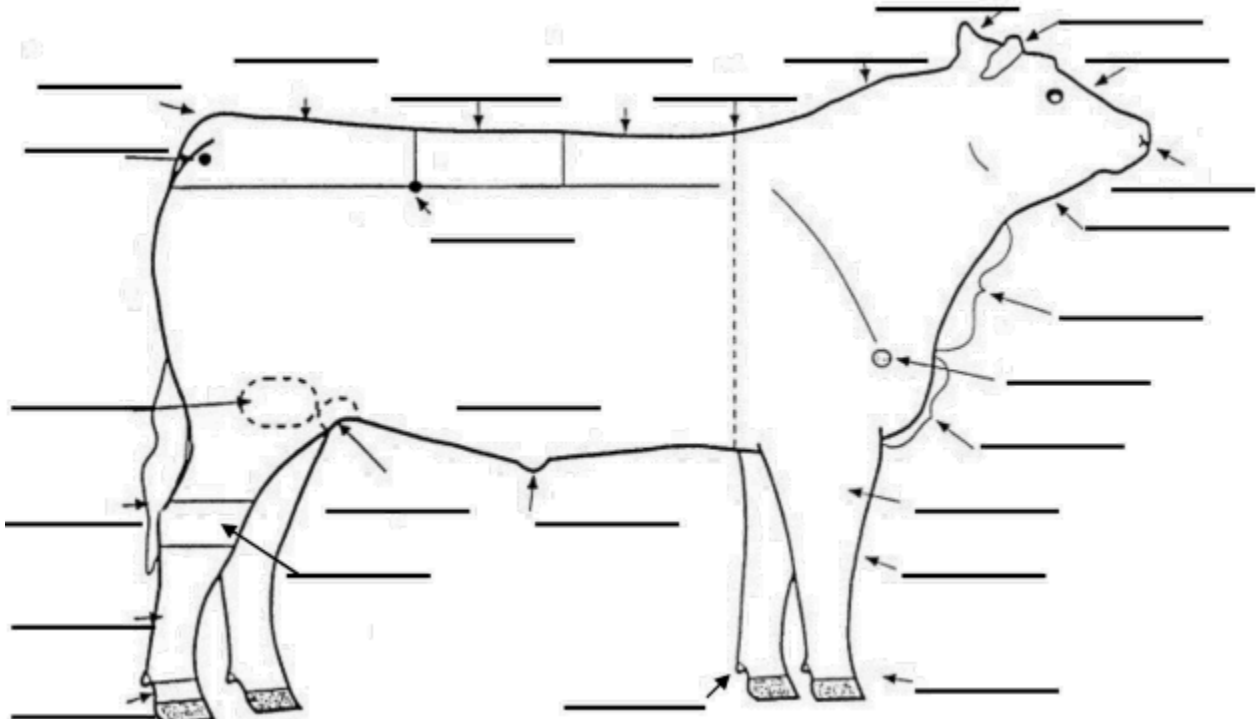
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# My Market Animal Project Questions

1. Name and description of animal: \_\_\_\_\_
2. Where did you get your project animals? Reasons for selecting that breeder, farm, or business?  
\_\_\_\_\_  
\_\_\_\_\_
3. What type of housing did you provide your animals? And what was the location of your animals (ex. Grandparents, neighbors, etc.)?  
\_\_\_\_\_  
\_\_\_\_\_
4. What is one thing you have learned in your project this year?  
\_\_\_\_\_  
\_\_\_\_\_
5. Who has influenced you the most this year in this project and why?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
6. List two qualities of a good showperson:
  - a. \_\_\_\_\_
  - b. \_\_\_\_\_
7. List two qualities of a bad showperson:
  - a. \_\_\_\_\_
  - b. \_\_\_\_\_
8. 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 10 body parts from the table below that matches 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 beef

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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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# Beef Facts Word Search



SHORTHORN

BEEF

CHAROLAIS

BRISKET

LEATHER

HEREFORD

MILK

COW

BUTTER

CUD

ANGUS

BRAND

DAIRY

BULL

TALLOW

HEIFER

SIMMENTAL

CALF

GLUE

HERD

# Feed and Expense Items

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

# Project Performance Summary

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

INCOME					
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>	
EXPENSES					
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>

# Junior Beef Record Book Score Sheet

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

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

<b>Page</b>	<b>Description</b>	<b>Possible Points</b>	<b>Your Points</b>
<b>1</b>	<b>COVER PAGE</b> Completely filled out with all signatures and both pictures.	<b>10</b>	
<b>2</b>	<b>4-H INFORMATION</b>	<b>10</b>	
<b>3</b>	<b>MARKET ANIMAL PROJECT QUESTIONS</b> Each question is completely and clearly answered.	<b>20</b>	
<b>4</b>	<b>PARTS OF ANIMAL</b> Placed correctly and information filled out.	<b>20</b>	
<b>5</b>	<b>WORD SEARCH</b>	<b>10</b>	
<b>6</b>	<b>FEED AND EXPENSE ITEMS</b>	<b>10</b>	
<b>7</b>	<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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