

Muskegon County Fair

Beef Record Book 2025

Name: _____

Name of your club/chapter: _____

Leader(s): _____

Your Age (as of January 1st): _____

Years in this project area: _____

Record started: _____/_____/20____

Record closed: _____/_____/20____

Check one:

- Explorer/Cloverbud
- Junior 8-11 years old
- Intermediate 12-14 years old
- Senior 15-19 years old

For this section use the animal the exhibitor will exhibit at the fair.

Name or ID of the animal: _____

Tag Number: _____

Breed: _____

Color(s): _____

Special Markings: _____

Date of Birth: _____/_____/20____

- Actual Birthdate
- Estimated Birthdate

Check one:

- Purchased - Date of Purchase: _____
- Raised from home

Check one:

- Market Beef
- Feeder Beef
- Heifer or Breeding stock

Purchase Price: _____ (if you raised your animal, list the estimated market value)

Attach beginning and ending photos of your project. Please label the photos.

All about my beef project...

Part 1 - Weight Record: *It is recommended to weigh your market beef animal(s) at least once each month.*

ANIMAL ID:		
DATE	METHOD <i>Scale, Band, Tape, etc.</i>	WEIGHT
<i>Beginning</i>		
<i>Ending</i>		

Part 2 - Rate of Gain and Feed Efficiency

	A	B	C	D	E	F	G
Description of Animal <i>(ID Number)</i>	Ending Weight <i>(in pounds)</i>	Starting Weight <i>(in pounds)</i>	Total pounds gained (A - B)	Total Days on Feed	Average Daily Gain (C ÷ D)	Total pounds of feed <i>(see feed expense record)</i>	Feed efficiency Factor <i>(Pounds of feed to put on 1 lb. of gain)</i> (E ÷ C)

Essay: *Please respond to the following question in the space provided below.*

It's fair week. You're at the wash rack getting your steer ready to show. A stranger approaches and asks about your animal. You tell them it's a steer and that it will be sold at the auction. How do you respond to them if they tell you that this is cruel and you shouldn't do it?

My project expenses:

List all expenses for this beef project and record the cost spent under the proper account. If your family/farm is providing feed, please estimate an approximate value. Add a sheet if necessary.

How many animals are in this project?					
Date of purchase	Purchase Description	Feed Cost	Vet/Health Cost	Bedding Cost	Other Cost
TOTAL Column Expenses					
TOTAL Project Expenses: (find by adding Total Column Expenses together)					
AVERAGE Cost per animal (total project expenses divided by the number of animals in the project)					

Senior exhibitors must answer the following questions:

The following calculations will help you learn about your ability to earn a profit for your participation in this agricultural project. Often in animal projects, industrial feeder facilities have a slim profit margin. Let's see how you compare.

Purchase cost of animal (from page 2) _____

Total expenses (per animal) _____

Finished weight of project animal: _____

Note: finished weight should be the fair's official market weight.

BREAK-EVEN PRICE per pound: _____

To calculate the break-even price divide the average cost per animal by finished weight.

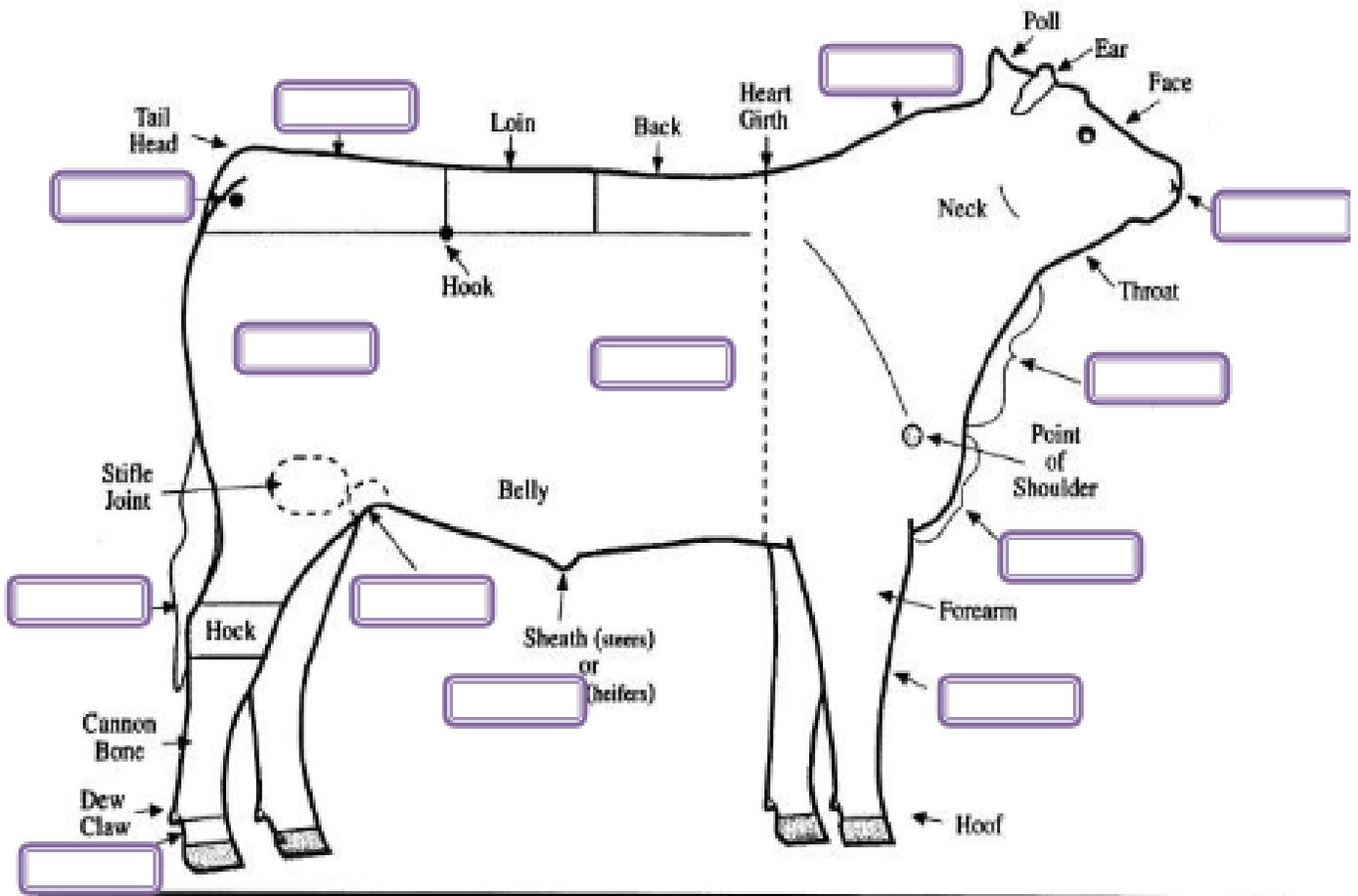
What is the current market price of market beef? _____

Many market prices are reported PER 100 LBS. Divide that amount by 100 to find the price per pound.

Would you have been able to make a profit if you had sold your animal at a stockyard at this current market price rather than the fair's livestock sale? Why or why not?

External Anatomy:

All exhibitors: Label the external parts of the beef animal marked with a box.



My General Beef Knowledge:

Ages 8 to 19 complete the following questions:

- Market beef at the MCYF must have a minimum weight of _____ lbs. to show and sell.
- What is the average weight for finished market beef animals? _____
- What time must all fair animals be fed, watered and have their pens cleaned by? _____
- The essential nutrients for beef cattle are:
- Cattle will drink up to _____ gallons per day.
- MCYF Exhibitors must show _____ animals in showmanship classes.

Ages 12 to 19 also complete the following questions:

- Name 2 cuts of wholesale beef: _____
- What is the average daily rate of gain for market beef? _____
- How long does it take cattle to reach market weight? _____

Ages 15 to 19 also complete the following questions:

- What is the average dressing percentage of a market beef animal?
- What is marbling and why is it important in cattle?