

Lonia County



Dairy Feeder Project Record Book

Do NOT put this record book in a binder.

Name _____

4-H Club _____

Leader(s) _____

Age as of January 1 _____ Years Showing Beef _____

Record Started _____ Record Ended _____
Month/Day/Year Month/Day/Year

New - 4/2014

MICHIGAN STATE | **Extension**
UNIVERSITY

WHY KEEP RECORDS?

Keeping records on your project can be interesting and fun - not dull or boring. Good records will:



- Help you learn about animals, their rate of growth, the feed they require, the cost of the feed and their habits
- Help you plan future projects
- Let you know if you made or lost money and how much
- Improve your management practices
- Give you a record of your project activities

Keep this record as part of your Personal 4-H Records. This information is helpful for you to plan future year's market projects, as well as if you ever apply for 4-H awards or a 4-H scholarship.

Remember - Records are no better than what YOU put into them!

LEADERS COMMENTS:

Leader's Signature: _____

OBJECTIVES

To let 4-H Members:

- Experience the obligation and responsibility required in a livestock enterprise.
- Experience and cope with the "values" and "attitudes" of responsibility, in a relatively unsupervised environment. Supervision will be on a periodic basis.
- Contribute to the family table with meat, or to experience the marketing process and system, through sale of the product.
- Experience competition through showing the animal at local area organization sponsored shows, the fair and state-wide shows.

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IONIA COUNTY 4-H DAIRY FEEDER

Member's Achievement Summary



20_____

Number of Years Showing Beef in Ionia County: _____

Have you participated in another county's beef program? Yes No

If Yes, list the counties and the number of years in each:

List some of the Feeder activities you would like to participate at dairy camp.

What do you want to improve this year in your Feeder project?

My 4-H Dairy Feeder Project Animal(s)

Name of Primary Animal: _____

Identification Number: _____ Type of Identification: Tag RFID

Breed(s): _____

Color: _____ Date (Month) of Birth: _____

Markings: _____

Please Check One:

Purchased Raised

Please Check One:

Steer Heifer

Beginning Weight: _____ Date Weighed: _____ Method: _____

Weigh-In Weight: _____ Date Weighed: _____ Method: _____

Finished Weight: _____ Date Weighed: _____ Method: _____

Purchase Price: _____ You may use the current market value.

Name of Secondary Animal or Extra: _____

Identification Number: _____ Type of Identification: Tag RFID

Breed(s): _____

Color: _____ Date (Month) of Birth: _____

Markings: _____

Please Check One:

Purchased Raised

Please Check One:

Steer Heifer

Beginning Weight: _____ Date Weighed: _____ Method: _____

Weigh-in Weight: _____ Date Weighed: _____ Method: _____

Finished Weight: _____ Date Weighed: _____ Method: _____

Purchase Price: _____ You may use the current market value.



OPTIONAL My 4-H Beef Project Photographs Extra Credit

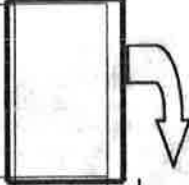
A completed record book should include a **beginning** photograph and a **finished** picture. You are encouraged to be in the photo with your project animal. You should also include captions on your pictures that at least include the date of the photograph. If you choose to include extra photos, please insert them at the end of the record book and be creative!!!

MY 4-H FEEDER PROJECT EXPENSES ON PROJECT ANIMAL

In this section, you will calculate your cost to prepare your market beef project for the fair and auction. Please feel free to include attachments of actual expenses with your record book.

Expense Items	January	February	March	April	May	June	July	Project Totals (\$)
Monthly Feed Total								
Veterinary Charge								
Bedding (Straw/Sawdust)								
Insecticides (Fly spray)								
Fitting & Showing Supplies								
Trucking								
Marketing of Animal								
Miscellaneous								
Monthly Totals								

TOTAL EXPENSES FOR THIS ANIMAL



MY 4-H DAIRY FEEDER PROJECT WEIGHT RECORD

In this section, you will calculate the rate of gain for your project animal. Calculate information only for the animal that you will be taking to the fair.

	Weight of Animal (lbs.)	Date of Measurement	Method of Weight Measurement
WEIGH IN WEIGHT			
FINAL WEIGHT			



1) Calculate the weight that your animal gained.

lbs. of Gain

2) From your data, find the number of days between the start of project and the end of project.

Days on Feed

3) Calculate the Average Daily Gain

$$\frac{\boxed{} \text{ lbs. of Gain}}{\boxed{} \text{ Days on Feed}} = \text{Average Daily Gain} = \underline{} \text{ lbs./Day}$$

4). Describe how you can estimate the weight of a steer if you do not have a scale available:

YOUR MARKET DAIRY PROJECT BREAK EVEN PRICE

4-H animals are sold by the pound at Large Animal Meat Sale Auction. Find out what bid price (per lb.) you need to get at the Large Animal Meat Sale Auction to **break even** on your 4-H Dairy Feeder Project.

EXPENSES ON MARKET ANIMAL:
(From Page 6)

PURCHASE/MARKET PRICE:
(From Page 7)

+

TOTAL PROJECT EXPENSES:

\$ _____

= TE

FINISHED WEIGHT OF ANIMAL:
(From Page)

_____ lbs.

= FW

$$\text{BREAK EVEN PRICE (BE)} = \frac{\text{TE}}{\text{FW}}$$

= _____

\$

What is the current selling price of Dairy (per lb.)? _____
This price should be current as of July 1 of current year.

Where did you find the current selling price? _____
If your source was a person, ask them where they got this information.

Would you have been able to make a profit selling on the open market? _____

Why?

What would you do differently if you were selling your animal(s) on the open market?



KNOW YOUR CUTS OF MEAT

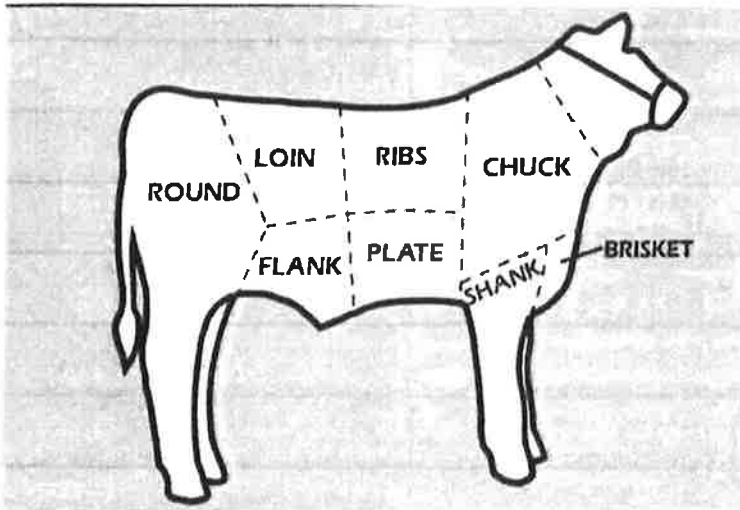
QUALITY GRADE is determined by the marbling of the meat. The higher the quality grade, the more flavor and tenderness the meat has. From the following list of USDA quality grades, list them from the most desirable (1) to the least desirable (5):

CHOICE, PRIME, SELECT, STANDARD, UTILITY

WHOLESALE CUTS VS. MARKET CUTS

From the diagram, match the wholesale cuts of meat to the Retail Cuts of Meat:

- _____ BBQ Short Ribs
- _____ Roast Beef
- _____ Round Steak
- _____ Ribeye Steak



- _____ Porterhouse Steak
- _____ Filet Mignon
- _____ Ground Sirloin
- _____ Corned Beef

Meat is the main product from a beef animal. Describe other products (called animal by-products) of the slaughtered cow/carcass:

15 - 19 4-H DAIRY RECORD BOOK SCORE SHEET

Page	NAME:	Points Possible	Your Points
1 - 2	COVER SHEET & WHY KEEP RECORDS	5	
	All information is completed and has Leader's Signature.		
3	MEMBER ACHIEVEMENT SUMMARY	5	
	All Information is neat and complete. All questions are answered.		
4	4-H DAIRY FEEDER PROJECT ANIMALS	5	
	Information complete on <i>PRIMARY</i> animal. All weights/ prices recorded.		
5	OPTIONAL 4-H PROJECT PHOTOGRAPHS	0	
	A beginning and finished photograph is included. Points are at Judge's Discretion		
7	WEIGHT RECORD	10	
	Calculations are completed and questions answered.		
8	PROJECT EXPENSES	10	
	Table completed & total expenses calculated.		
10	MARKET BEEF BREAK EVEN PRICE	10	
	Calculations completed and questions completed.		
11	KNOW YOUR CUTS OF MEAT	10	
	Worksheet completed.		
12	Extra Credit —Extra credit will be awarded to all of those that complete more than one mandatory market Dairy project. Other worthy projects not listed will also be awarded points.	Up to 20	
TOTAL Points A: 100-85, B: 84-75, C: 74-60, No Rating: 59-0		100	

