

Montcalm County



Breeding Beef Project Record Book All Ages

Name: _____

Address: _____

4-H Club: _____

4-H Leader: _____

4-H Age (as of 1/1): _____ Years Showing 4-H Beef: _____

Record Started: _____ Record Closed: _____
Month/Day/Year Month/Day/Year

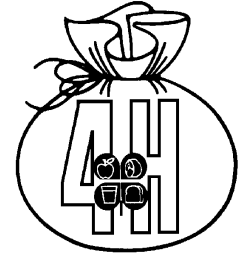


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WHY KEEP RECORDS?



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!

I understand that this is a **completed** Breeding Beef Project Record Book as required.

4-H'ers Signature: _____

4-H 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.

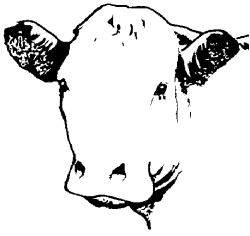
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Montcalm County 4-H Beef Program

Member's Achievement Summary

Year: _____



Your Name: _____

Date of Birth: _____ 4-H Age (as of 1/1): _____

Years Showing 4-H Beef: _____

Have you participated beef projects outside the county? _____ Yes _____ No

List some of the Beef Project activities you have participated in such as fairs, trips, clinics/workshops, posters/projects, demonstrations, quiz bowl, judging team, etc.

What do you hope to improve this year in your breeding beef project?

My 4-H Beef Project Animal(s)

Name of Animal: _____

Identification Number: _____ Type of Identification: _____ Tag _____ Tattoo _____

Breed(s): _____

Color: _____ Date (Month) of Birth: _____

Markings: _____

Please Check One:

Please Check One:

_____ Purchased _____ Raised _____ Cow _____ Heifer _____ Calf

Name of Animal: _____

Identification Number: _____ Type of Identification: _____ Tag _____ Tattoo _____

Breed(s): _____

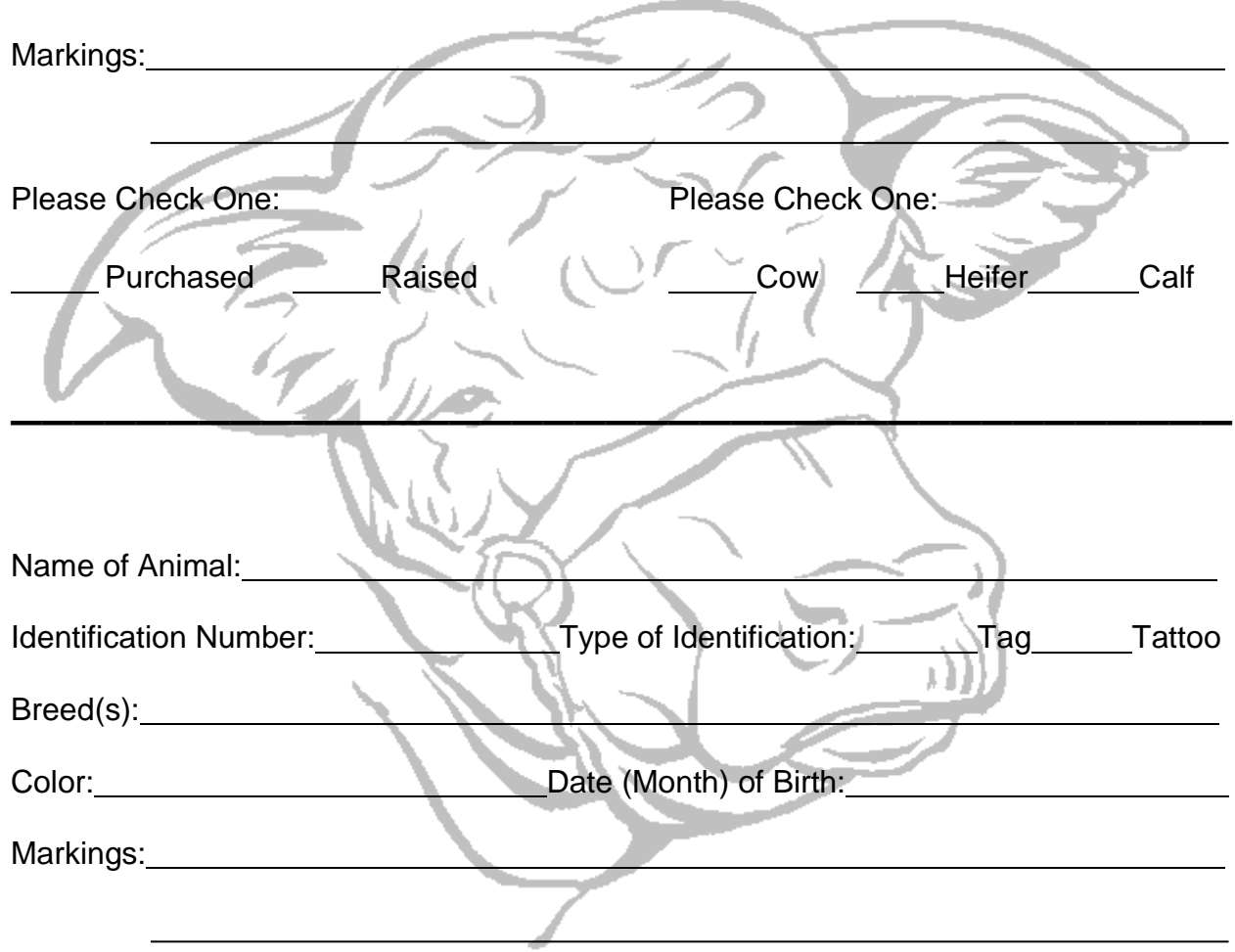
Color: _____ Date (Month) of Birth: _____

Markings: _____

Please Check One:

Please Check One:

_____ Purchased _____ Raised _____ Cow _____ Heifer _____ Calf



My 4-H Beef Project Animal(s)

Name of Animal: _____

Identification Number: _____ Type of Identification: _____ Tag _____ Tattoo _____

Breed(s): _____

Color: _____ Date (Month) of Birth: _____

Markings: _____

Please Check One:

Please Check One:

_____ Purchased _____ Raised _____ Cow _____ Heifer _____ Calf

Name of Animal: _____

Identification Number: _____ Type of Identification: _____ Tag _____ Tattoo _____

Breed(s): _____

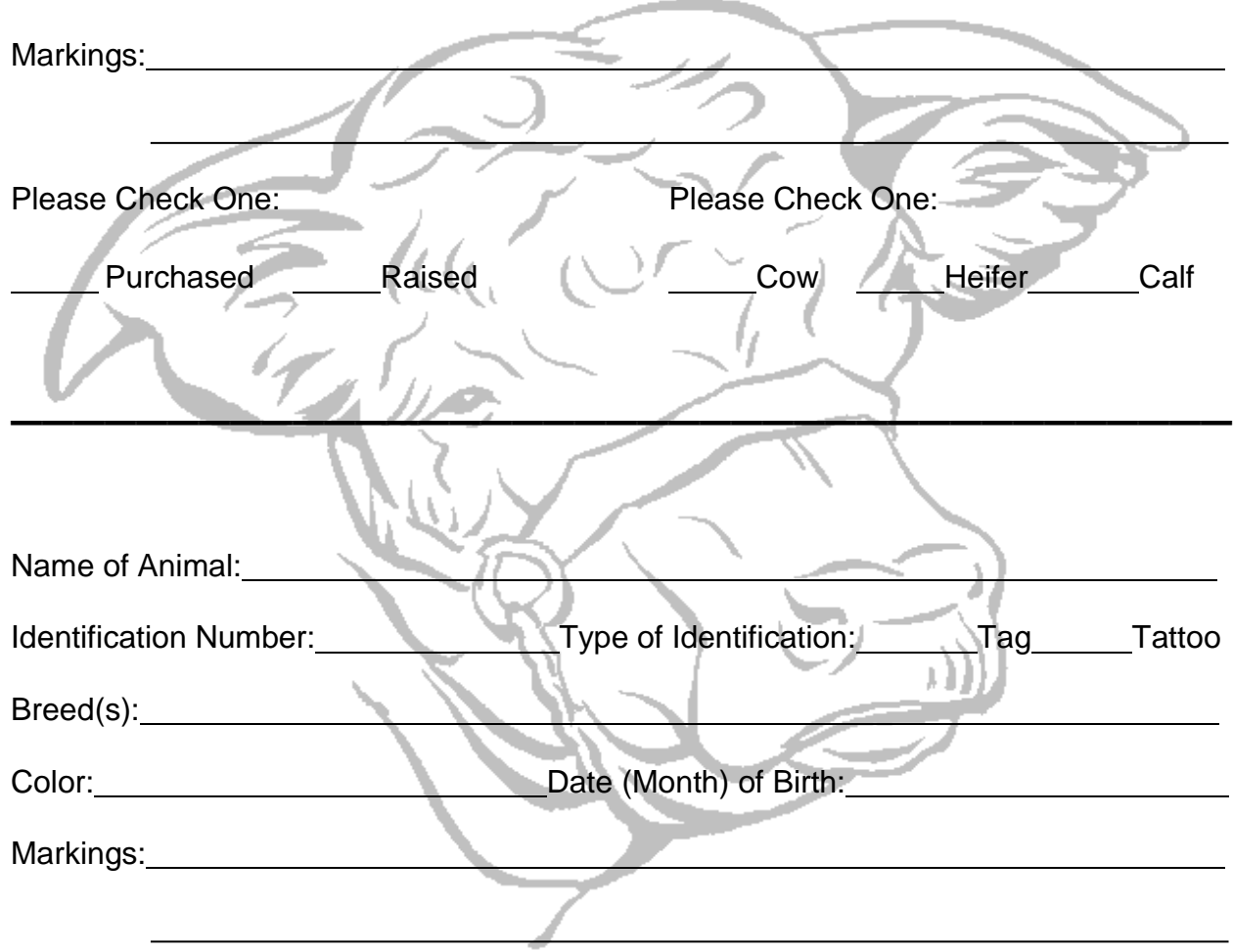
Color: _____ Date (Month) of Birth: _____

Markings: _____

Please Check One:

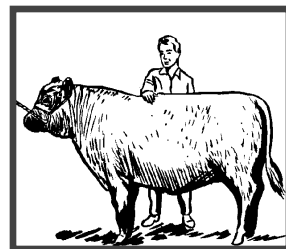
Please Check One:

_____ Purchased _____ Raised _____ Cow _____ Heifer _____ Calf



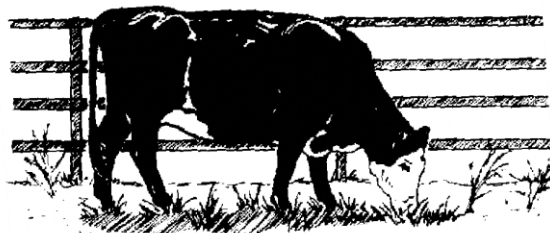
My 4-H Beef Project Photographs

Be creative. The more photographs the better, but a completed record book should at least have a beginning photograph and a finished picture. You are encouraged to be in the photo with your project animal and include additional photographs. You should also include captions on your pictures that at least include the date of the photograph. You may use additional pages.



My 4-H Beef Project Feed Ingredients

Attach a Feed Ingredients Slip/Nutritional Analysis from each of your feed sources. If the feed is mixed in a mill, ask the mill operator for a list of ingredients. If a slip is not available, please describe your feed sources as best as possible.

A large rectangular area representing a space for attaching a feed slip. In the top-left corner, there is a yellow pushpin icon. In the top-right corner, the corner of the rectangle is folded over. The text "Attach Feed Slip Here" is written diagonally across the center of the rectangle in a bold, italicized font.



My 4-H Beef Project Feed Record and Expenses

In this section, you will explore how you feed your project animal.

This is what I feed my beef project: _____

I feed my cattle (please check all that apply)

_____ Hay _____ Pellets _____ Supplements
_____ Grain _____ Other _____

My Beef Project Expenses were:

(List what you or your parents spent during the project year for feed, supplies, equipment and veterinary assistance.)

<i>DATE OF EXPENSE</i>	<i>ITEM PURCHASED</i>	<i>VALUE (\$)</i>

My Beef Project Income was:

<i>DATE OF INCOME</i>	<i>ITEM SOLD OR RECEIVED</i>	<i>VALUE (\$)</i>

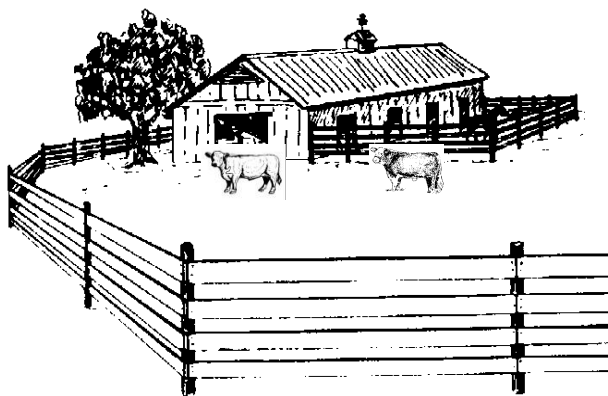
My 4-H Beef Project Experiences

This is what I learned in my Beef Project this year: _____

This is what I enjoyed most about this project: _____

My biggest challenge was: _____

Next year in the Beef Project, I plan to: _____



Project Knowledge - Terms

Define the following terms:

1. Scours: _____

2. Bull: _____

3. Steer: _____

4. Cow: _____

5. Heifer: _____

6. Calf: _____

7. Quality Assurance: _____

8. Ruminant: _____

9. Colostrum: _____

Answer each of the following:

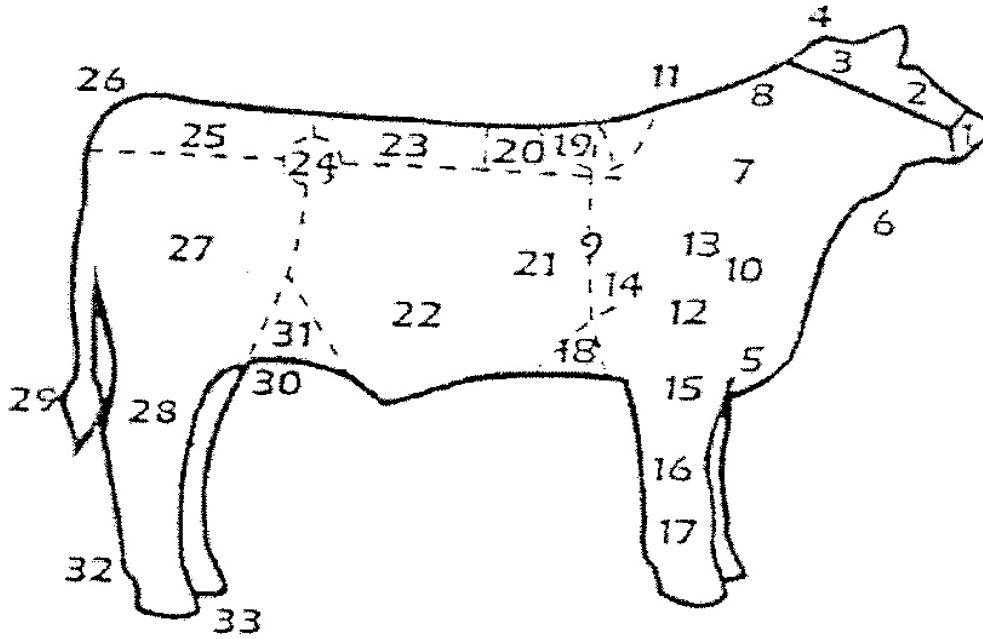
Describe how you prepared your animal for show.

What did you do to insure that you have raised a quality project?

Parts of the Steer

Fill in the number that matches the part of the steer.

Age 8 - 12	Match 15
Age 13	Match 20
Age 14	Match 25
Age 15 and up	Match All



- | | | |
|------------------|-----------------------------|-------------------------|
| _____ Arm | _____ Forehead | _____ Point of Shoulder |
| _____ Back | _____ Forerib (heart girth) | _____ Poll |
| _____ Brisket | _____ Hind Flank | _____ Ribs |
| _____ Cod | _____ Hock | _____ Round |
| _____ Crest | _____ Hoof | _____ Rump |
| _____ Crops | _____ Hook Bone | _____ Shank |
| _____ Dew Claw | _____ Knee | _____ Shoulder |
| _____ Dewlap | _____ Loin | _____ Shoulder Vein |
| _____ Elbow | _____ Muzzle | _____ Switch |
| _____ Face | _____ Neck | _____ Tailhead |
| _____ Fore Flank | _____ Paunch or Belly | _____ Top of Shoulder |

EXTRA CREDIT for My Breeding Beef Project

An outstanding 4-H project is one that goes above and beyond what is expected. This section will help you identify projects that you can do to improve your record book and have a better chance at receiving an outstanding ribbon.

Write a report on *one* of the following topics. Report must be at least one page:

- **FOLK PATTERNS:** Visit with a former livestock or dairy farmer to compare and contrast today's Beef Projects with those in the past. What is better today? What was better in the past? **OR** describe the significance of the cow in Spain's "Running of the Bulls."
- **LEADERSHIP:** How you have become a better leader through your years in the 4-H Beef Project? Describe what you have done and how you have grown.
- **ANIMAL SCIENCE:** Describe the proper care and nutrition of your animal **OR** how you selected your animal.
- **VETERINARY SCIENCE:** Describe a veterinary practice, procedure on livestock **OR** explain the digestive system of the cow **OR** describe cross breeding in cattle. Other bovine veterinary topics may be used for your report.

Photography Report. All photos are to be taken by the exhibitor (you). Choose *one* of the following topics:

- **My Beef Project:** Keep a photo journal of your beef project. Photographs should represent the entire length of the project. A minimum of 12 photos from eight DIFFERENT TIMES must be included. All photos do not have to be of the animal. They could be of club meetings, field trips, shows, etc.
- **Farm Visit:** Create a photo journal of a large beef or dairy operation. A minimum of 12 photographs are required.

Leathercraft: Include a project that can easily accompany this Breeding Beef Record Book and outline the process of making this beef by-product (from cow to finished product.)

Entomology: Create an Insect Collection with a minimum of 8 insects that affect cattle. Note, this could be pests, such as flies, mosquitoes or insects that eat crops that cows use as feed, such as corn, hay or oats.

Environmental Science: Draw a diagram of your beef set up. From that diagram, show how you can protect resources, such as groundwater. Include manure management and storage of hazardous materials. Check with MSU Montcalm Extension's groundwater resources for more information.

Foods & Nutrition: Outline the nutritional content of beef (it varies depending on the cut.) Include sample recipes of "healthy" beef foods.

Safety: Outline safe practices of your beef project. Consider halter breaking, shipping, stable/fence area, fair/shows, etc.

My 4-H Breeding Beef Project Record Book Score Sheet

4-H Member: _____

4-H Club: _____

Page		Possible Points	Your Points
1	COVER SHEET	5	
	All information is completed.		
2	WHY KEEP RECORDS	5	
	Leader signed book.		
3	MEMBER ACHIEVEMENT SUMMARY	10	
	All information is neat and complete. All questions are answered.		
4 - 5	MY 4-H BEEF PROJECT ANIMAL(S)	10	
	All information is neat and complete. All questions are answered.		
6	4-H PROJECT PHOTOGRAPHS	10	
	Includes photographs of project animal(s). Captions included with pictures		
7-8	FEED RECORD AND EXPENSES	10	
	All information is neat and complete.		
9	PROJECT EXPERIENCES	10	
	All information is neat and complete.		
10	PROJECT KNOWLEDGE AND TERMS	10	
	All information is neat and complete.		
11	PARTS OF THE STEER	10	
	All information is neat and complete.		
12	EXTRA CREDIT (or another worthy project.)		
	Points at Judge's discretion. If project cannot be attached to record book, please add photos and describe.		
	Total Points A: 60 - 80; B: 45 - 59; C: 30 - 44; DQ: Under 30	80	