



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

Senior:
15-19 years old

Record Book Instructions:

DON'T CHANGE THE PAPER:

Completed record books must be on standard letter sized (8.5"x11") white paper. There are classes in still exhibits for scrapbook so please leave these types of books there. Minor embellishments are allowed, and neatness is encouraged. Books must be fastened with a staple in the upper right-hand corner or secured inside a 3-ring binder or folder.

DON'T BE LATE.... KNOW THE DUE DATE AND TIME:

The date and time to turn in a completed record book will be listed on the Schedule of Events of Exhibitors.

USE THE RIGHT RESOURCES:

A good resource to help complete this record book includes the publication "Your 4-H Market Beef Project" which is available by loan at the Gratiot County MSU Extension Office. Other resources can be found online.

ONLY COMPLETE YOUR AGE DIVISION:

There are no extra credit points for younger age divisions completing the whole record book. You must complete every page except the last 3 pages. The last 3 pages have which age division must complete each page.

BREEDING STOCK:

There is no longer a Breeding Stock track. Please fill out the record book to the best of your knowledge for your breeding animal. It is still required for you to fill out the All about my beef project, project expenses, and business plan pages.

All about my beef project...

For this section use the animal the exhibitor will most likely exhibit at the fair. If you are exhibiting both market and breeding stock, focus on one registered market steer.

Name (or identification) of my animal: _____

Tag Number: _____ Breed: _____

Color(s): _____ Date of Birth: _____
☐ Actual Birthdate
☐ Estimated Birthdate

Special Markings: _____

Please Check One: ☐ Purchased ☐ Raised Date of purchase: _____

Please Check One: ☐ Steer ☐ Heifer ☐ Cow (Breeding Track Only)

Purchase Price: _____ If you raised your animal, list the estimated market value.

A completed record book should have photos of your animal. At minimum this book should have a beginning and ending picture. Photo captions are encouraged. Up to two extra pages can be included behind this page within this record book.

All about my beef project...

You may choose to do the weight record **OR** the essay. You may not do both the weight record and the essay for this record book. The points scored for whichever choice you make will be the same. The fair recommends all market exhibitors weigh their animals frequently but understands that access to a scale is not always available.

Choice 1 - Weight Record:

Do not complete the essay "Choice 2" below if you complete this section.

It is recommended to weigh your market beef animal(s) at least once each month. Use one chart for up to four animals. These should be the same (up to) four market beef animals registered on the market beef registration form. If you are doing a breeding program this can be cattle being raised.

ANIMAL ID					
DATE	METHOD Scale, tape, etc.	WEIGHT	WEIGHT	WEIGHT	WEIGHT
beginning					
Final					
Describe changes made based on information you gathered collecting these weight data.					

Choice 2- Project Essay: **DO NOT COMPLETE THE WEIGHT RECORD ABOVE:** *Do not complete the weight record "Choice 1" above if you complete this section.* Write and attach to your completed book an essay from one of these two essay topic choices. Junior exhibitors complete an up to half page essay. Intermediate Exhibitors complete an up to one page essay. Senior Exhibitors complete an up to 2 page essay. **Topic 1:** *Describe what judges look for in the show ring of the fair. Discuss steps you can take to present your animal in the best possible way to a judge.* **Topic 2:** *With animal rights groups such as PETA looking to showcase animal abuse, what steps can you take to ensure your animal is raised comfortably.* Essays have the same possible points as the above weight section.

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 additional sheet if necessary.

How many animals are in this project. This can be your likely project animal along with backup animals.					
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 animals (total project expenses divided by number of animals in project)					

My Business Plan:

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 the profit margin for industrial feeder facilities have a slim profit margin. Let's see how you compare.

Average cost per animal (from prior page): _____

Purchase cost (of primary project animal): _____

TOTAL EXPENSES (WHOLE PROJECT) _____

Number of Project Animals in this report: _____

AVERAGE COST PER ANIMAL: _____

Finished Weight of Project Animal: _____

Note: finished weight can be taken at home anytime during the week prior to fair or it can be the fair's official market weight.

BREAK EVEN PRICE: _____

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

What is the current market price of market animal? _____

A good source to find the current market price is the National Dairy Cattle & Beef Summary. If using this report use the 5 Area Weekly Accumulated Weighted Avg Cattle Price - LM CT100 on the table. Prices on this report will be calculated 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 would have sold your steer at the stock yard (United Producers for example) at this current market price rather than the fair's livestock sale? Why or why not?

Keeping my beef project healthy:

Listed below are initials of diseases. Give correct name (if applicable), list if it's a virus or bacteria and provide symptoms and treatment for the disease:

IBR:

BVD:

Bloat:

TB:

List steps you can take to keep cattle healthy:

Caring for my Beef Project:

Junior, Intermediate, Senior Division Complete the following:

Describe the pen/pasture you have for your breeding stock animal(s): _____

I feed my cattle (please check all that apply)

_____ Hay _____ Pellets _____ Supplements
_____ Grain _____ Other _____

To show your breeding stock animal(s) at GCFFY they must be registered. Forms are due on _____. Forms turned out late will have a _____ Per business day late fee. Forms received after _____ will not be accepted.

How I get my beef animal ready for a show:

Two or more months before show: _____

One month before show: _____

One week before show: _____

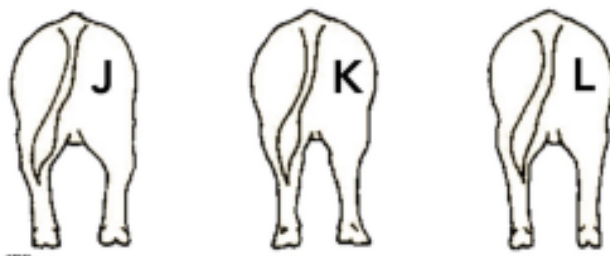
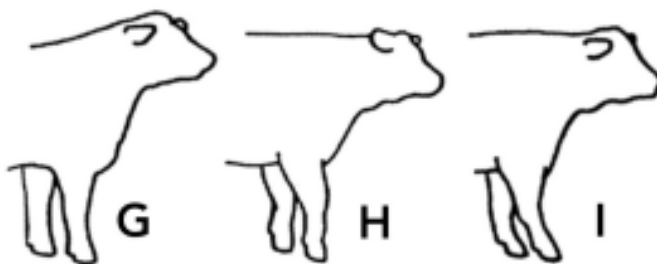
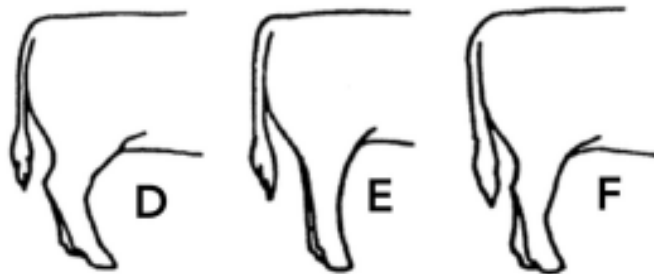
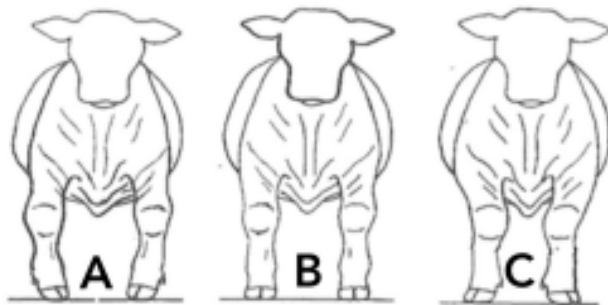
Day of show: _____

My General Beef Knowledge:

Intermediate & Senior Division Complete:

Structural Differences:

Identify the structural differences from this chart using the following listed differences. Note... some differences will be listed in two places and some pictures will have two different structural differences as answers (list both). Differences to place on the chart: *bowlegged, buck kneed, calf kneed, cow hocked, knock kneed, pigeon toed, postlegged, sickle hocked and splayfooted*



Label From Graphic	Structural Flaw or label as correct
A	
B	
C	
D	
E	
F	
G	
H	
I	
J	
K	
L	

My General Beef Knowledge cont.

Senior Division Complete:

1. What is Beef Quality Assurance?

2. Name 4-6 Beef Cattle breeds and include 1 trait of each.

3. What are 3 things a judge looks for when judging a Market Animal Class?

4. What are 5 common Retail cuts of beef?
