

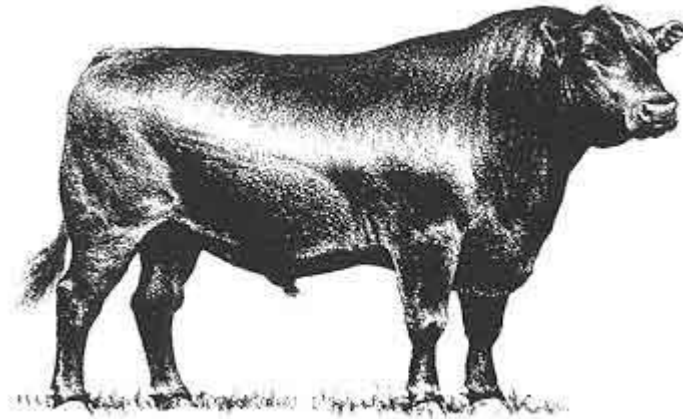


STEER

4-H Market

Record Book

For ages 13 to 19



Name: _____ Age: _____

Address: _____
Street Town Zip Code

Name of 4-H Club: _____ Years in 4-H: _____

4-H Leader: _____ Animal's Name: _____

Years in Steer Program: _____ Buyer's Name: _____

Record Start: _____ Record Ended: _____

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✓ **4-H Record Books with beginning and ending photos are required for all market livestock projects.**

✓ **Record Books must be completed and turned in to the Specie Chair at the September Livestock Council Meeting.**

Why is your record book important? It...

- will aid you in learning about all aspects of raising and selling livestock
- helps you set goals for your project
- helps you plan future projects
- shows your financial decisions and outcomes
- overall will improve your management and organizational skills
- will be fun to look back at your book years from now... remember, this can be fun when you put all your effort into it!

Suggestions (*practices for good record keeping*)

- Consistently fill in the record book, avoid waiting until the last minute
- Hang a calendar or note book near your animal's pen to write notes in to help you with your record book.
- Write neatly and clearly
- Take pictures before, during and after your project is done
- Complete your Thank You to your buyer soon after the sale
- Have FUN and work hard

Resources to help you Learn about your Projects

- ❖ MSU Extension has materials you can check out.
- ❖ Beef Resource Handbook
- ❖ Clinics and workshops, i.e. Beef, Sheep, Swine held at Kettunen Center,
- ❖ Cattle judging at Exploration Days
- ❖ Beef Learning Lab Kit available from the MSU Extension Office

Pre-project Questions/Goals

1. Why did you choose to do a steer project this year?

2. List at least two (2) goals for your steer project this year:

3. If you have done a steer project in the past are you doing anything different with this year's project?

4. Describe how you prepared to bring your steer project home when you first got it: __

5. Was your steer shown as a Jr. Beef last year? ____ yes; ____ no

Project Information

Please fill in the following information about your Steer

Ear Tag Number	Date Purchased	Date of Birth & Breed	Sold/Kept	Died	Purchase Price
					\$

Weight

Date of Starting Weight	Starting Weight	Date of Finish Weight	Finished Weight	Pounds of Gain	Days on Feed	Average Daily Gain

✓ Average Daily Gain = Total lbs. of gain ÷ days on feed

Monthly Feed Record

Month:	Protein & Min. Lbs.	Protein & Min. Cost	Grain Lbs.	Grain Cost	Hay Bales	Hay Cost
August						
September						
October						
November						
December						
January						
February						
March						
April						
May						
June						
July						
August						
Totals:						

Total lbs. of feed for year: _____

Total Cost of Feed for year: _____

Expenses Other Than Feed

Item	January	February	March	April	May	June	July	August	Total
Vet Cost									
Bedding Cost									
Fair Fees									
Cost of Pictures									
Vaccination Fees									
Tack & Show Supplies									
*Other									

*Other Expenses could include housing, worming, trucking, etc.

Total of expenses other than feed: _____

Income for Project

Auction Date	Weight of Steer at Fair	Price Per Pound	Total Value (Animal's Weight x Price per pound)

Financial Summary

Purchase Price of Steer \$ _____
Total of Feed Cost \$ _____
Other Expenses \$ _____
TOTAL EXPENSE \$ _____

Income from Sale of Steer \$ _____
Minus (-) Total Expenses \$ _____
NET PROFIT OR LOSS \$ _____

Comments about the results: _____

Value of your labor: Figure out the value of the labor that you have “invested” in your steer project...

- Consider the value of labor at \$5 per hour
- You spend an average of one (1) hour per day on your project

Determine the number of days you have had your steer and multiply that by \$5 per hour.

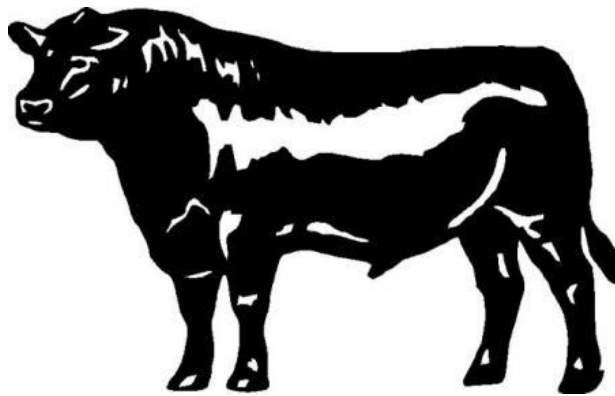
Total cost of your time: _____

Comment on the cost of your time: _____

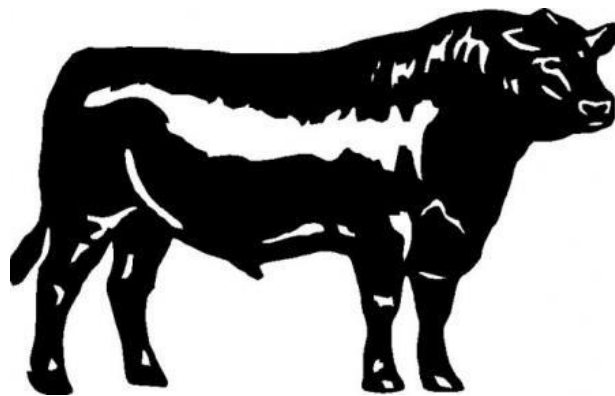
Project Pictures

- Pictures are a required part of this Record Book. Taking pictures of your steer throughout the project will show you how your steer has grown and developed.
- Remember, pictures are better when you are in the picture.
- Add more pictures on a separate piece of paper or in a folder.

Beginning Picture



Ending Picture



Project Knowledge

Answer the following:

1) What is the normal body temperature for cattle? _____

2) What is the current market price for beef cattle? List date and source used to obtain the information.

3) What is the sale price of corn? List date and source used to obtain the Information.

4) Name two (2) breeds of beef cattle and give a brief description of one of the breeds and tell where it originates from. (*Choose different breeds each year*)

5) Identify two (2) or three (3) things you learned this year that were new to you.

6) Name top three (3) USDA grades of beef (highest to lowest)

1) _____ 2) _____ 3) _____

7) What is an RFID tag? _____

8) What is withdrawal time? _____

and why is that important? _____

MATCH THE FOLLOWING DEFINITIONS TO THE CORRECT ANSWER

(Read the directions carefully).

Ages 13-16 Choose 7 to answer, choose different ones each year

Ages 17-19 answer all the questions

- | | |
|----------------------------|--|
| 1. Pneumonia _____ | A) salt, calcium, phosphorus, magnesium, potassium, sulfur |
| 2. Ruminant _____ | B) gray, crusty scaly patches usually on the face, head and shoulders |
| 3. Ring Worm _____ | C) watery feces, dehydration, sunken eyes, depression, decreased feed intake, fever, cold to touch |
| 4. Rumen _____ | D) any animal that has four stomach compartments |
| 5. Scours _____ | E) second, and largest compartment of a cow's stomach |
| 6. Reticulum _____ | F) father of a calf |
| 7. Sire _____ | G) abnormal condition in ruminants due to accumulation of gases in the rumen |
| 8. Omasum _____ | H) castrated male calf |
| 9. Steer _____ | I) time period from when a calf is conceived until the calf is born (usually 283 days) |
| 10. Abomasum . _____ | J) mother of a calf |
| 11. Dam _____ | K) the fourth compartment of the stomach also called the true stomach |
| 12. Bloat _____ | L) coughing, difficulty breathing, fever, runny eyes and nose |
| 13. Heifer _____ | M) first compartment of a Cow's Stomach also called the honeycomb |
| 14. Trace Minerals _____ | N) a young female that has not given birth |
| 15. Gestation Period _____ | O) third compartment of a Cow's stomach that absorbs water from food |
| 16. Major Minerals _____ | P) copper, iodine, iron, manganese, selenium, zinc, molybdenum |

Post Project Questions

1) Did you meet your project goals listed in this record book?

2) What was your favorite part of your steer project?

3) How did you finance your steer project this year?

4) How did you feed your animal? Explain the rations fed and how you determined what diet was required.

5) Give a brief description of your steer's housing and how you decided how much space it would require.

6) How did you train and prepare your steer for show?

7) Did you have any management problems with your steer project and how did you deal with them?

8) List any benefits or things you have learned from your show ring experiences past or present.

9) What information do your records tell you that you can use to improve future market projects?

10) List any other club or school activities that you are involved in.

Awards

4-H Showmanship:

Number of exhibitors in class _____

Date ___/___/___

Placing _____

Open Showmanship:

Number of exhibitors in class _____

Date ___/___/___

Placing _____

4-H Market Class:

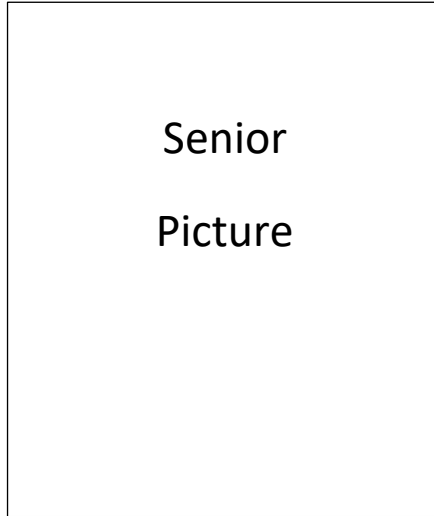
Number of steer in class _____

Date ___/___/___

Placing _____

Overall auction placing _____

SENIOR PAGE



1) What are your plans in the near future?

2) How many years have you been in 4-H? _____

3) Do you plan to be involved in 4-H in college? _____

After college? _____

How? _____

Why? _____
