



MANATEE
RIVER FAIR
ASSOCIATION
YOUTH
LIVESTOCK
RECORD

NAME: _____

PARENT'S NAME: _____

MAILING ADDRESS: _____

AGE: _____ JR. OR SR.: _____ DATE OF BIRTH: _____

GRADE IN SCHOOL: _____ NAME OF SCHOOL: _____

PROJECT: _____

NUMBER OF YEARS IN THIS PROJECT: _____

NAME OF CLUB OR CHAPTER: _____

NAME OF LEADER OR INSTRUCTOR: _____

Why Keep Records?

- To have an account of all your accomplishments in one place.
- Records point out the advantages and disadvantages of projects.
- They reflect your interest.
- Records show self improvement and service to others.
- To show others what you have done.
- To train yourself for future work.
- Records show others what can be accomplished.

Hints For Record Keeping

- Review the whole record book before beginning.
- Make entries while they are fresh on your mind.
- Make all entries as accurate as possible.
- Make entries neat and easy to read.
- Keep your records up-to-date.
- Have someone check your book often.

Reasons For Keeping Market Animal Records and Keeping Them Current

- To be able to determine your investment in your project at any time.
- To help analyze at any time during your project management period, how or why adversities (weight loss, going off feed, etc.) occur.
- To assist you in predicting and/or calculating occurrences such as weight gain, feed intake, feed requirements, etc.
- To be able to calculate your profit or loss at the end of the project.
- To serve as a management tool in future project work.

I. ANIMALS PURCHASED

Purchased from:

Date	Description (breed, type, id#, if any)	Birth Date	Weight	Price/Lb.	Total Price
Ex 5/5/95	Angus Steer	9/10/94	575	0.95	546.25
Total					

II. BEGINNING INVENTORY

Include in your inventory equipment and materials you have on hand at the beginning of your project year such as feed buckets, clippers, halters, brushes, washing compounds, etc. Use an approximate or depreciated value from last year.

Date project started:

Item and Description	Quantity	Value
Total Value		

VI. ANIMALS SOLD

Date	Description of Animal	Tag #	Weight	Price/lb	Total
Total					

VII. SHOW RECORD AND RECEIPTS

Date	Show and/or Contest	Placing and Ribbon	Premium
Total			

VII. OTHER RECEIPTS

Receipts other than animal sales and premiums (such as add-ons, etc.)

Date	Description of Receipt	Amount or Value
Total		

IX. ENDING INVENTORY

Include in your ending inventory a depreciated value of any equipment and materials you had at the beginning of the project and any you purchased during the course of the project work. The formula for depreciation is:

$$\text{Beginning Inventory Value} - \frac{\text{Initial Value}}{\# \text{ of Useful Years}} = \text{Ending Inventory Value}$$

Item and Description	Quantity	Value
Total Value		

XI. PROJECT FINANCIAL SUMMARY

A. Profit or Loss Statement

Receipts:

1.	Receipts for animals sold total (VI)	\$ _____
2.	Show receipts (premiums) total (VII)	\$ _____
3.	Other receipts total (VIII)	\$ _____
4.	ending inventory total value (IX)	\$ _____
5.	Total receipts (add lines 1-4)	\$ _____

Expenses:

6.	Animals purchased total (I)	\$ _____
7.	Feed expenses total (III)	\$ _____
8.	Other expenses total (V)	\$ _____
9.	Beginning inventory total value (II)	\$ _____
10.	Total expenses (add lines 6-9)	\$ _____
11.	Net profit/loss (subtract line 10 from line 5)	\$ _____

B. Production Efficiency

1.	Animal weight at beginning of project	_____
2.	Animal weight at end of project	_____
3.	Total weight gain (subtract line 1 from line 2)	_____
4.	Total feeding days (date purchased to sold)	_____
5.	Average daily gain (line 3 divided by line 4)	_____
6.	Total feed consumed (quantity column III)	_____
7.	Feed conversion (line 6 divided by line 3)	_____
8.	Feed cost per pound of gain (line A.7 divided by line B.3)	\$ _____
9.	Total cost per pound of animal sold (line A.10 divided by line B.2)	\$ _____

PROJECT PHOTOGRAPHS

Include at least 3 pictures, labeled, and showing the beginning, middle and end of project.

CARCASS DATA SHEET

Item	Number	Item	Number
Live Weight		Hot Carcass Weight	
Dressing Percent		Fat Thickness of 12th Rib	
Ribeye Area		Percent Pelvic and Kidney Fat	
Official USDA Quality Grade		Official USDA Yield Grade	
Retail Product			

PROJECT SUMMARY

Item	Calculation
Sale weight ÷ Age (in days) = weight per day of age	
Sale weight - purchase weight = pound of gain marketed	
Pound of gain marketed ÷ total feed fed = conversion rate (sale weight-purchase weight) for project	
Cost of feed ÷ pound of gain marketed = cost of gain	
* Hot carcass weight ÷ age (in days) = pound of carcass per day of age	
* Retail produce percent x hot carcass weight = pound of edible beef	
* Pound of edible beef ÷ age (in days) = pound edible beef per day of age	
* Total cost ÷ pound of edible beef produced = cost per pound of edible beef produced	
Current Market Value () - Expenses = Profit or Loss	

* Cannot be completed without carcass data.

RETAIL PRODUCT PERCENTAGES

Yield Grade	Retail Product	Yield Grade	Retail Product	Yield Grade	Retail Product	Yield Grade	Retail Product
1.0	0.775	2.0	0.725	3.0	0.675	4.0	0.625
1.1	0.770	2.1	0.720	3.1	0.670	4.1	0.620
1.2	0.765	2.2	0.715	3.2	0.665	4.2	0.615
1.3	0.760	2.3	0.710	3.3	0.660	4.3	0.610
1.4	0.755	2.4	0.705	3.4	0.655	4.4	0.605
1.5	0.750	2.5	0.700	3.5	0.650	4.5	0.600
1.6	0.745	2.6	0.695	3.6	0.645	4.6	0.595
1.7	0.740	2.7	0.690	3.7	0.640	4.7	0.590
1.8	0.735	2.8	0.685	3.8	0.635	4.8	0.585
1.9	0.730	2.9	0.680	3.9	0.630	4.9	0.580

This is a true and accurate record of my project.

Signed: _____

Parent or Guardian Signature: _____

Date: _____

Project Leader Signature: _____

Date: _____