



# NORTH DAKOTA 4-H MARKET ANIMAL PROJECT RECORD

## 4-H member

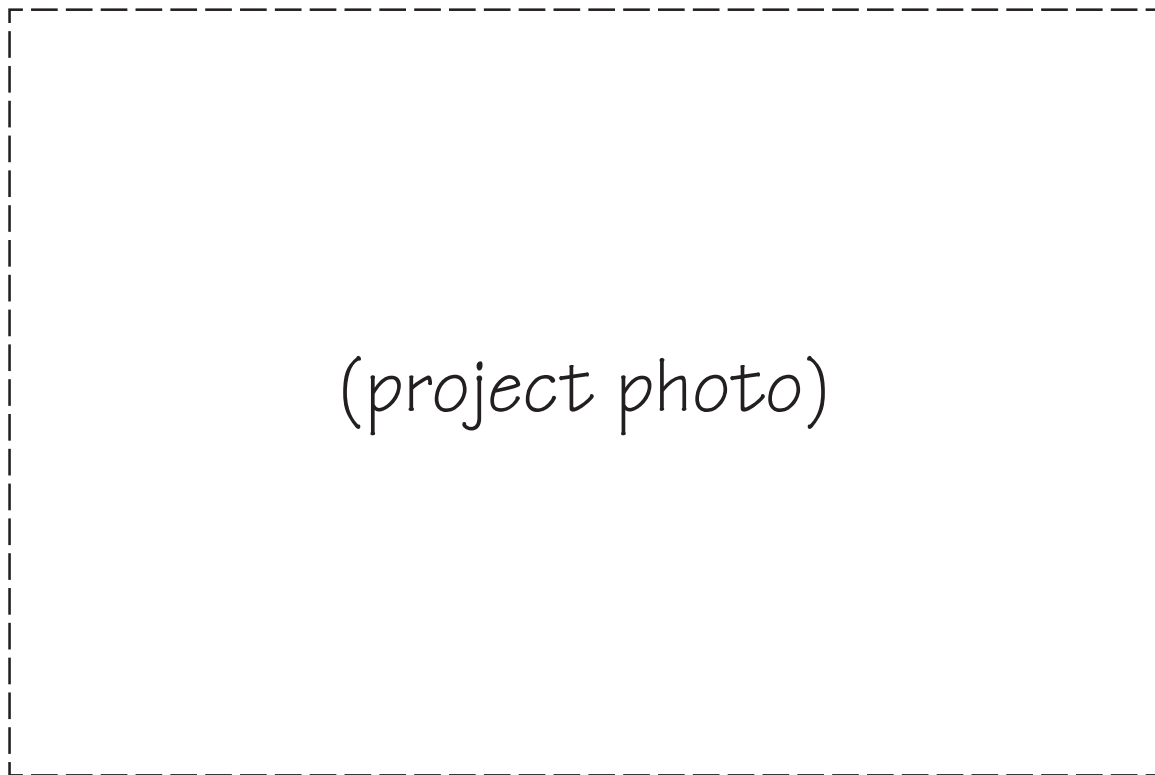
Project \_\_\_\_\_

Name \_\_\_\_\_ Club \_\_\_\_\_

Age \_\_\_\_\_ Years in the project \_\_\_\_\_ Years in 4-H \_\_\_\_\_ Date project started \_\_\_\_/\_\_\_\_/\_\_\_\_

Parent's name \_\_\_\_\_

Address \_\_\_\_\_



Caption \_\_\_\_\_

# Objectives

In the market animal project, you will learn:

1. Parts of your market animal
2. Wholesale meat cuts
3. Retail cuts
4. Importance of livestock production
5. How to select a good animal
6. How to feed and care for your animal
7. How to keep records
8. How to groom your animal
9. Showmanship skills
10. How to compute average daily feed fed/pound of gain

You may not reach all of your objectives in one year.

You may develop additional objectives to fit your needs.

My objectives for my market animal project:

11. \_\_\_\_\_
12. \_\_\_\_\_

# Market Project Information

*(Fill in the following information where applicable)*

Number of years in market project \_\_\_\_\_

Number of animals in market project \_\_\_\_\_

Goals of this project \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sex	Animal ID Number	Date Purchased	Breed	Birth Date
Male	8613	Sept. 1, 2007	Angus X	3-1-07

# Health Record

(Include all vaccination/injections, dehorning, foot trimming, etc.)

Date	Description of Problem or Action	(A) Cost	Date	Description of Problem or Action	(B) Cost
6-1-07	Vaccination: overeating	.25			

- Health cost total column (a) \$ \_\_\_\_\_ Health cost total column (b) \$ \_\_\_\_\_
- Total health costs: (line 1 columns a + b) \$ \_\_\_\_\_

# Finishing Program Summary

(Use one line for each animal)

Animal ID No.	BEGINNING		ENDING		Total Days on Feed	Avg. Daily Gain (1)	Feed/lb Gain (2)	Cost/lb Gain (3)
	Start Date	Program Weight	Finish Date	Program Weight				
5302	1-1-07	700	7-17-07	1,250	87	3.0	8.09	.32

- Average daily gain = ending weight minus beginning weight divided by total days on feed
  - Feed/lb of gain = total pounds of feed (from all feed sheets, line 5d divided by total pounds of gain)
  - Cost/lb of gain = total cost of feed (from all feed sheets line divided by total pounds of gain)
- Total pounds of gain = ending weight minus beginning weight

# Feeding Period Sheet

1. Date feeding period started \_\_\_\_\_ ended \_\_\_\_\_
2. Total days of this feeding period \_\_\_\_\_
3. Number of animals you are including in this feeding period \_\_\_\_\_
4. Animal weight at the beginning of feeding period \_\_\_\_\_  
(use average weight if more than one animal)

***In this section, include all feeds, minerals, vitamins and protein supplements. If you are feeding more than one animal the same ration, use one feed sheet. Do not include animals that are on different rations. Use a separate set of feeding period sheets for those animals. (Example for a 2 percent body weight gain.)***

Feed	(A) lbs. Feed per Day	(B) Cost/lb. of Feed	(C) No. of Days Fed	(D) Total lbs. Fed	(E) Total Cost
Corn	8	.05	100	800	40.00
TOTALS	_____ (A)	XXXXX	XXXXX	_____ (D)	\$_____ (E)

Explain why this ration was used \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Explain why any changes in this ration were made \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

(When major changes in ration occur, please document on the next feeding period sheet. You may need extra sheets.)

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Feed	(A) lbs. Feed per Day	(B) Cost/lb. of Feed	(C) No. of Days Fed	(D) Total lbs. Fed	(E) Total Cost
Corn	8	.05	87	696	34.80
TOTALS	_____ (A)	XXXXX	XXXXX	_____ (D)	\$_____ (E)

Explain why this ration was used \_\_\_\_\_

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Explain why any changes in this ration were made \_\_\_\_\_

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Explain why any changes in this ration were made \_\_\_\_\_

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# Loan Record

To determine interest paid:  $A \times B \times C \div 365$

Date	Item Loan was Received For	(A) Amount of Loan	(B) % Interest	(C) Length of Loan	(D) Principle Paid	(E) Interest Paid	(F) Total Payment
1-1-07	steer	560	9%	187 days	560.00	25.82	585.82
1. TOTALS		XXXX	XXXXXX	XXXXXX	\$_____(D)	\$_____(E)	\$_____(F)

# Travel Expense

Animal Identification	Event	(A) Entry Fees	(B) Transportation	(C) Lodging	(D) Other	(E) Totals a+b+c+d
steer	state fair	10.00	90.00	50.00	50.00	200.00
2. TOTALS		\$_____(A)	\$_____(B)	\$_____(C)	\$_____(D)	\$_____(E)

# Equipment Inventory

## *Equipment purchases made in previous years*

Date	Item	Estimated Value at Beginning of Project Year (A)	Estimated Value at End of Project Year (B)	Depreciation Value*
6-1-07	show stick	12.00	10.00	2.00
1. TOTALS		\$ _____ (A)	\$ _____ (B)	\$ _____ (C)

\* Depreciation value or inventory change value = beginning value (column A) minus ending value (column B)

## *Equipment purchases made in current project year*

Date	Item	Price Paid
6-1-07	clipper	150.00
2. TOTAL		\$ _____ (A)

# Expense Summary

Value of animals at beginning of this year's project (use one line per animal in project)

Animal Identification No. (A)	Beginning Weight (B)	Market Price at Time of Purchase (C)	Animal Value (D) (B x C)
3215	700	80/cwt	560.00

1. TOTAL COLUMN D \$ \_\_\_\_\_
2. Veterinary expenses (from health section);  
use current project year expenses only ..... \$ \_\_\_\_\_
3. Total feed bill (total all feeding period sheets –  
line 5E from feeding period sheets) ..... \$ \_\_\_\_\_
4. Interest (from loan record section, line 1E) ..... \$ \_\_\_\_\_
5. Travel expense (travel expense section, line 2E) ..... \$ \_\_\_\_\_
6. Equipment purchases (from equipment inventory section, line 2A);  
use current project year purchases only ..... \$ \_\_\_\_\_
7. Other cash expenses ..... \$ \_\_\_\_\_  
specify \_\_\_\_\_  
specify \_\_\_\_\_
8. Total cash expenses (add lines 1 + 2 + 3 + 4 + 5 + 6 + 7) ..... \$ \_\_\_\_\_

# Income Summary

*Premiums from livestock shows (for current project year, use actual ribbon premiums)*

Date	Show/Event	Ribbons and/or Placing	Actual Premiums
7-30-07	state fair	blue	30.00

1. Total from livestock premiums ..... \$ \_\_\_\_\_

*Estimate or actual sale value of project at end of project year*

Animal ID	Weight Selling Time (A)	Market Price Selling Time (B)	Sale Value* A x B (C)
2138	1,250	.68/cwt	849.00

2. Total sale value of project (total of column C) ..... \$ \_\_\_\_\_  
 \*sale value = selling weight multiplied by selling market price

If animal is sold by the head, enter value in sale value, column C

3. Other cash income received from your project ..... \$ \_\_\_\_\_

Specify \_\_\_\_\_

Specify \_\_\_\_\_

Specify \_\_\_\_\_

4. Total cash income (add lines 1 + 2 + 3 + 4) ..... \$ \_\_\_\_\_

# Business Summary

- 1. Total cash income (from income section, line 4) ..... \$ \_\_\_\_\_
- 2. Total cash expense (from expense section, line 8) ..... \$ \_\_\_\_\_
- 3. Net cash income or loss (line 1 minus line 2) ..... \$ \_\_\_\_\_
- 4. Value of any feed left on hand for which you have paid ..... \$ \_\_\_\_\_
- 5. Net income – profit or loss (line 3 + 4) ..... \$ \_\_\_\_\_

Explain why you have a profit or loss \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

How will you improve this project? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

*Developed by*

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