



NORTH DAKOTA 4-H MARKET ANIMAL PROJECT RECORD

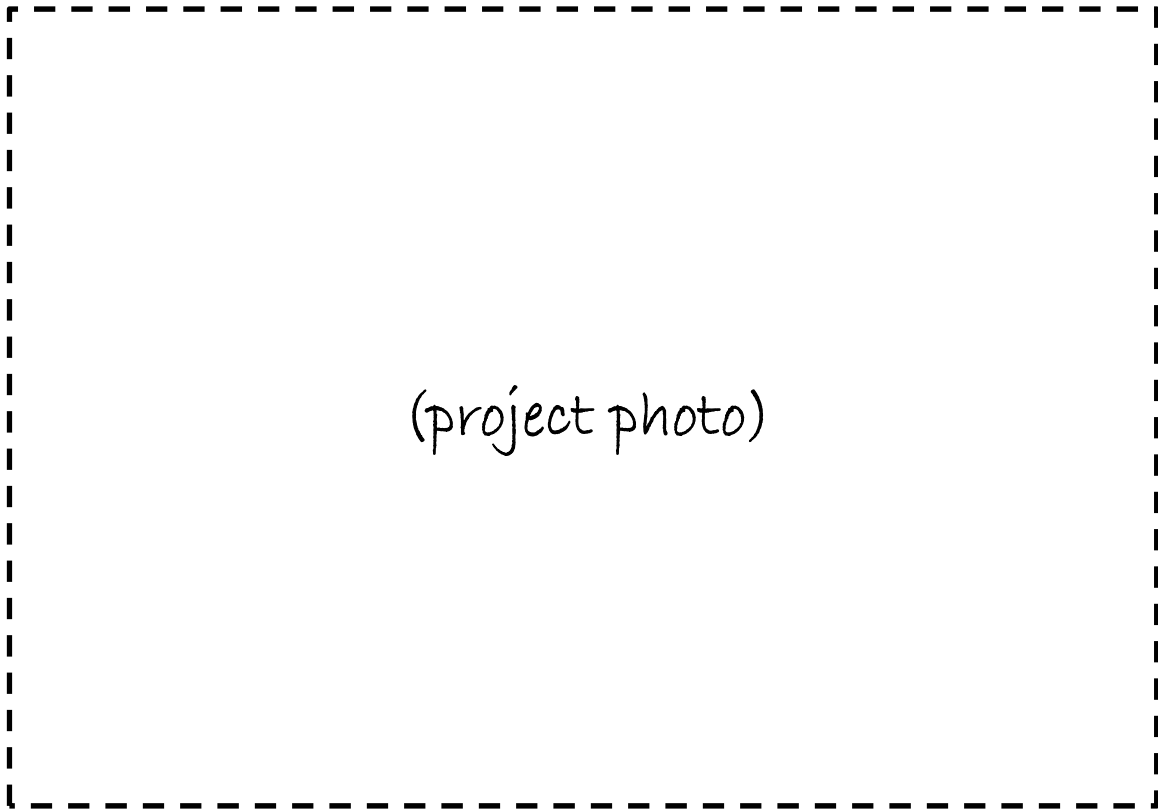
Use this record to keep track of expenses and income for your market animal project for one year.

4-H member

Project _____ 4-H Year _____

Name _____ Club _____

Age _____ Years in the project _____ Years in 4-H _____ Date project started ____ / ____ / ____



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 this year _____

Goals of this project _____

Sex	Animal ID Number	Date Purchased	Breed	Birth Date
Male	8613	9/1/12	Angus X	3/1/12

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
6-1-12	Vaccination: overeating	.25				

1. Health cost total column (a) \$ _____

Health cost total column (b) \$ _____

2. 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	1-1-12	700	7/17/12	1,250	87	3.0	8.09	.32

1. Average daily gain = ending weight minus beginning weight divided by total days on feed

2. Feed/lb of gain = total pounds of feed (from all feed sheets, line 5d divided by total pounds of gain)

3. 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	.085	100	800	\$68.00
Totals		XXXXX	XXXXX		

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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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 Loan(days)	(D) Principle Paid	(E) Interest Paid	(F) Total Payment
1-1-12	Steer	560	\$9	187	560.00	\$25.82	\$585.82
1. Totals		XXXXX	XXXXX	XXXXX			

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						

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*
6-1-12	Show stick	\$12.00	\$10.00	\$2.00
1. Totals				

* 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
6-1-12	Clipper	\$150.00
2. Totals		

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 Purchases (C)	Animal Value (D) (B x C)
3215	700	0.80	\$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
7-30-12	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	(\$8) \$.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).....\$ _____

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
Annette Steffan, former county Extension agent
Chuck Steffan, former area beef/range management specialist
Dan Dhuyvetter, former area beef/range management specialist

For more information on this and other topics, see: www.ndsu.edu/4h

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05/07
Revised 10/12