



Ward County 4-H Breeding Animal Project Record

NDSU EXTENSION
SERVICE

Sheep – Beef – Swine – Goats

4-H member:

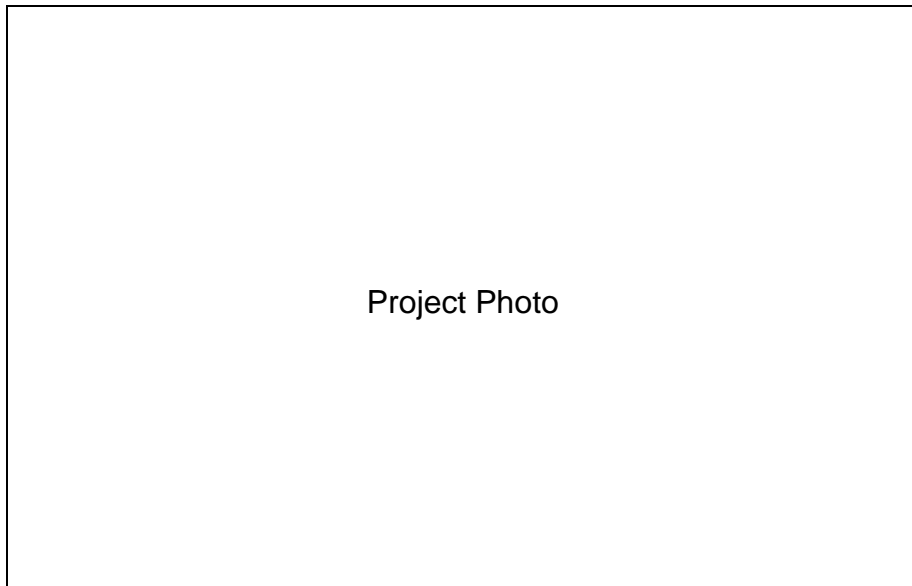
Project _____

Name _____ Club _____

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

Parent's name _____

Address _____



Caption: _____

Objectives-

Suggested objectives for your project:

1. To gain knowledge and understanding of livestock production and feeding.
2. To make decisions and be responsible for the care and well being of an animal.
3. To learn how to manage time and resources.
4. To share the information and skills you have learned with others.
5. To learn how to communicate with others.
6. To explore careers in which you work with animals.

Project Information (fill in the following information where applicable)

Number of years in the project _____

Number of animals in the breeding project _____

Number of: Heifers _____ Cows _____ Calves _____ Bulls _____
Ewes _____ Lambs _____ Rams _____
Sows _____ Gilts _____ Boars _____
Does _____ Bucks _____

Goals of this project _____

Sex of animal	Animal ID Number	Date Purchased	Breed	Birth Date

Feeding your animals

1. Date feeding period began _____ ended _____ . Total days _____

2. Check the type of animal that this feeding period applies to:

Heifers _____ Cows _____ Calves _____ Bulls _____
 Ewes _____ Lambs _____ Rams _____ Sows _____
 Gilts _____ Boars _____ Does _____ Bucks _____

3. Average weight of all your animals at the beginning of the feeding period _____

In the chart include all feeds, minerals, vitamins and protein supplements:

Feed	A. Pounds per day	B. Cost/lb of feed	C. # of days fed	Total lbs. fed (A x C)	Total cost (A x C x B)

Why did you use this ration? _____

Did you have to make any changes in the ration? If yes, why did you make the change? _____

Grazing Period Sheet for cattle, sheep and goats

1. Date grazing started _____ ended _____

Kind of animal	A. # of animals	B. Equivalent - see table	C. Animal units (A x B)	D. Months grazed	E. Total AUMs grazing (C x D)	F. Cost/AUM	G. Grazing cost/period (E x F)

Animal unit equivalent conversion factor:

Beef cow 2 years and over	1.0
Calves over 3 months	0.3
Yearling cattle	0.75
Bulls	1.3
Ewes	0.2
Yearling sheep	0.12
Rams	0.25
Mature goat with kids	0.17
Weaned kid to yearling	0.10
Mature buck	0.22

AUM: Animal Unit Month is the amount of feed or forage required by an animal for one month.

Animal Unit: A mature (1,000 lb.) cow and calf or the equivalent based on an average daily forage consumption of 26 pounds of dry matter per day.

Loan Record

Date	Animal purchased with the loan	A. Amount of loan	B. % interest	C. Length of loan	D. Principle paid	E. Interest earned	F. Unpaid balance
	Totals	XXXX	XXXX	XXXX	_____D.	_____E.	XXXX

Travel Expense

Animal Identification	Event	A. Entry fee	B. Transportation	C. Lodging	D. Other	E. Totals (A + B + C + D)
Total	XXXX	_____ A.	_____ B.	_____ C.	_____ D.	_____ E.

Equipment Inventory

Equipment purchases made in previous years

Date	Item	A. Estimated value at start of project year	B. Estimated value at end of project year	A - B = Depreciation value
Total		\$ _____ A.	\$ _____ B.	\$ _____ C.

Equipment purchases made in current project year

Date	Item	Price Paid
Total		\$ _____ A.

Animal Inventory

Date	Item	A. Estimated value at start of project year	B. Estimated value at end of project year	A - B = Change in inventory
Total		\$ _____ A.	\$ _____ B.	\$ _____ C.

Expense Summary

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

A. Animal identification #	B. Beginning weight	C. Market price at time of purchase	D. Animal value B X C = D

- | | | |
|----|--|----------|
| 1. | Total Column D | \$ _____ |
| 2. | Veterinary expenses for current year | \$ _____ |
| 3. | Total feed bill from feeding period sheet..... | \$ _____ |
| 4. | Interest from loan records | \$ _____ |
| 5. | Travel expense for current year | \$ _____ |
| 6. | Equipment purchases for current from inventory section | \$ _____ |
| 7. | Other cash expenses | \$ _____ |
| | - 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

1. Total from livestock premiums \$ _____

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

Animal ID	A. Weight at sale time	B. Market price at sale time	C. Sale value (A x B = C)

2. Total sale value of project (**total of column C**) \$ _____

3. Other case income received from your project \$ _____

- 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. Net cash income or loss (line 3 above)	\$ _____
a, Value of any feed left on hand for which you have paid	\$ _____
b. Value of all breeding animals, not sold at close of project year (from animal inventory section, line 3 (C)	\$ _____
5. Net income – profit or loss (line 4 + 4a + 4b)	\$ _____

Explain why you have a profit or loss:

How will you improve this project?
