



Washington County Senior (ages 14-18) Breeding Beef Project Record Book

Name _____

Age (as of September 1st) _____

4-H Club _____

Purpose of this Project

The purpose of any animal project is to help teach youth life skills. Life skills are skills that youth need in order to transition into a healthy, responsible adult. Animal projects specifically target the life skills of:

- **Responsibility**
feeding and caring for an animal on a regular basis
- **Determination**
working with the animal on a regular basis in order to show it
- **Record keeping**
keeping a record of the animal's health and feeding
- **Money/Resource Management**
keeping track of how much money or other resources have been invested in the project and managing money and resources wisely
- **Sportsmanship**
practice being a good winner and a good loser through competition with peers and with self. Dealing with constructive criticism, even when you've given your best, is a very hard lesson to learn, but a very valuable one!

“As the exhibitor of this project, I certify that I have personally kept records and completed this record book.”

Signed _____
Member **Date**

**“This youth is an active member of the _____
4-H Club or FFA Chapter. This book has been completed by the youth
and is an accurate record of the project.”**

Signed _____
Club leader or Chapter advisor **Date**

General Project Records

What is the breed of your animal?

When did you take possession of your animal?

Breeding Records

Natural Mating Record

Female No.	Date Male Turned in	Date Male Removed	Due Date

Artificial Insemination Record

Female No.	1st Estrus Observed	Artificial Insemination Date	Due Date

Breeding Beef Timeline

Birth of calf	Record weight, date of birth and tag calf if possible
1-4 months	Begin to introduce feed – Calf may eat along with mother. Have as much contact with calf as mother will allow!!
4 month	First set of vaccines: Contact local vet for more info
4 month	Castrate bull calves early (preferable in cool weather when flies are not a problem) Worm calf (pour on if show calf prospect)
5-6 months	Continued to feed and work with calf
6-7 months	Wean calf continued to feed and work with calf Booster Vaccines, worm again
8-15 months	Feed – Feed – Feed
15 months	750 lb. minimum before breeding. Select a calf ease sire for your heifer and bred
15-24 months	Feed – Feed – Feed
24 months	Watch for calving
24 months+	Vaccinate and Worm (Spring and Fall)

*** Remember it takes 9 months for a cow to calve.
Plan your calving time around the fall of the year if possible.**

Expenses and Income

An expense is something that you pay for, or that costs you money. Your project expenses include the cost or value of your animal at the beginning of the project, what you paid for feed, what you paid for veterinary bills, and what you paid to show your animal.

Income is money that your project brings you. Examples of project income include what your animal is worth at the end of your project (or what someone pays for your steer), what your supplies (or inventory) is worth at the end of your project, and any show premiums you win.

PROJECT EXPENSES

Animal Expenses

What you paid for your heifer (or the value of your heifer if it is given to you or you raised it your self). If you bought your animal, simply write down the actual purchase price. If you were given your animal, or if it was born on your property, or if it was leased, simply write down the fair market value. As a general rule, a yearling breeding animal is worth \$750.00.

Value of Animal at Start of Project: \$ _____

Feed Expenses *(add additional lines or pages if necessary)*

Date	Type (Hay, Supplement, Grain)	Pounds	Cost
TOTAL FEED EXPENSES			

Veterinary Expenses *(add additional lines or pages if necessary)*

Date	Treatment	Cost
TOTAL VETERINARY EXPENSES		\$

Show Expenses *(add additional lines or pages if necessary)*

Date	Type	Cost
TOTAL SHOW EXPENSES		\$

PROJECT INCOME

Project Inventory

Inventory means any equipment or supplies that you have on hand at the start of your project, as well as any items you purchased or received during your project, and any items you have left at the end of your project. For items that you buy, simply write down the price in the column for the Beginning of your Project. For items that you are given or borrow, estimate what they are worth. Use fair market value. For example, a new show halter costs about \$30.00. Based on depreciation, a used show halter that is 2 years old is worth about \$24.00. (Depreciation on equipment is usually 10% per year).

To determine the value of items you have at the end of your project, include depreciation.

Depreciation means the value of used equipment. Every item is worth less after it has been used. If the item is lost or thrown away by the end of the project, then it has no value. Usually, an item that is kept to use for the next year depreciates 10% each year.

For example, if you buy a feed bucket for \$5.00, it is only worth \$4.50 at the end of your project.

$$\$5.00 \times 0.10 = 0.50$$

$$\$5.00 - 0.50 = \$4.50$$

Item	How Many	Price or value at Beginning of Project	Value at End of Project	Note if you Sold (S), Kept (K), or Lost (L)
TOTAL ENDING INVENTORY			\$	

Show Premium Income *(add additional lines or pages if necessary)*

Date	Name of Fair or Show	Class	Placing	Premiums Won
TOTAL PREMIUMS WON				\$

Animal Income

As a general rule, a mature cow (2 years or older) is worth a minimum of \$1,200.00. A yearling calf is worth a minimum of \$750.00. You can use these general guidelines to calculate the total value of your breeding animal(s) at the end of your project.

What is the value of your animal(s) at the end of your project? \$_____

FINANCIAL SUMMARY

Project Income

Ending Project Inventory \$ _____

Animal Income \$ _____

Premium Income \$ _____

Total Project Income \$ _____

Project Expenses

Animal Expenses \$ _____

Feed Expenses \$ _____

Veterinary Expenses \$ _____

Show Expenses \$ _____

Total Project Expenses \$ _____

TOTAL PROFIT OR LOSS \$ _____

Subtract your total project expenses from total project income. This is your total profit or loss.

Club & Leadership Development Activities
Record your activities from March 1, 2013-February 28, 2014

4-H/FFA Awards or Honors	
4-H/FFA Project Competitions/Exhibits/ Presentations/Demonstrations	
4-H/FFA Project Learning Activities	
4-H/FFA Community Service Activities	
4-H/FFA Fun Events/Activities	
4-H/FFA Leadership Activities	
Other Organizations, Awards, Hobbies, Interests	

Project Photos

Include at least three photos of your project with captions that describe what is happening in the pictures. If you like, you can add pages to include other items and memorabilia, such as your exhibitor numbers, stall cards, ribbons won, etc.

Washington County Youth Fair – Large Animal Science Project Youth Survey

Choose the best answer for you. As a result of participating in a large animal science 4-H or FFA project:	Check one answer for each question.				
	Almost never	Some- times	Usually	Almost always	I don't know
1. I take care of my animal daily. (provide food, shelter, water, groom)					
2. I train my animal on a regular schedule.					
3. I can demonstrate safe behavior around animals.					
4. I record the expenses and income for my project.					
5. I can list the costs and work involved with my project.					
6. I can identify the body parts of my animal.					
7. I can explain the breed characteristics of my animal.					
8. I can demonstrate how to groom my animal.					
9. I can answer questions about my animal.					
10. I am thinking about a future career in agriculture or a science field.					

Look at the list of Life Skills below.

Put a checkmark by the TOP 3 skills you've learned as a result of participating in your large animal science project.

(Put your check in the column to the left of the word)

	Leadership		Teamwork		Planning/Organizing
	Goal Setting		Responsibility		Cooperation
	Self-Motivation		Personal Safety		Keeping Records
	Decision Making		Problem Solving		Communication

Using complete sentences, answer the following:

One thing I will definitely do next time	
One thing I will change for next time	
The most important skill I learned	
I need more information on	

Information about you:

Age	_____ Male _____ Female	Years in this project
Years in 4-H	Years in FFA	Will you show next year? _____ Yes _____ No



This document was developed by Heather C. Kent, and Doug Mayo, August 2006
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