4-H Beef Heifer Project Annual Record Book

Compiled by: Reviewed by: James B. Neel John R. Dunbar (pa97038@utkvm1.utk.edu) (jwoltjen@ucdavis.edu) Cooperative Extension Service Professor, Animal Science--Beef Division of Agricultural and Natural Sciences Agricultural Extension Service University of Tennessee University of California Name_____ Age_____ Address_____ County____ School_____ Name of Club_____ Grade in School Years in Project_____ Date Record Completed _____ What things did you learn this year? What were the most important things you learned this year? How many heifers did you have in you project? What was the breed of your heifer(s)? Why did you select this breed? What were some important things that you considered when you selected or purchased your heifer(s)?

Performance Record

What was the age in days of you Heifer(s) when selected or purchased?

What was the weight of you heifer(s) at the time of selection?

What was the weight per day of age (WDA) of your heifer(s) when selected?

What did your heifer(s) weigh at completion of the project?

What was the average daily gain of your heifer(s) from selection to completion of the project?

What was the age in days of your heifer(s) at completion of the project?

What was the weight per day of age (WDA) of your heifer(s) at completion of the project?

Reproduction Record

Did you breed your heifer(s) this year?

What was the age of your heifer(s) at breeding?

When did you breed your heifer(s)? (Date when bred.)

When do you expect your heifer(s) to calve?

Did you breed your heifer(s) by natural service or by artificial insemination?

How did you go about selecting the bull that you used to breed your heifer(s)?

Complete the pedigree of one of your heifers.

Complete the pedigree of one of your heifers. Fill in all the information that is available.

Name of heifer	
Registration number	
Birth date	
Adj. A.D.G	
205-Day Wt	
Weight Ration	
Sire's name	Dam's name
Registration number	Registration number
Adj. A.D.G	Adj. A.D.G
205-Day Wt	205-Day Wt
Weight ration	_ Weight ration
Adj. 365-Day Wt	No. of calves
Adj. 365-Day Ratio	MPPA
365-Day WDA	

You may need to get help from your 4-H leader, Extension Agent, or parents in completing the pedigree.

Did you exhibit your heifer(s)? Record the dates, places, and prize money you won.

Date	Place Shown	Placing	Prize Money

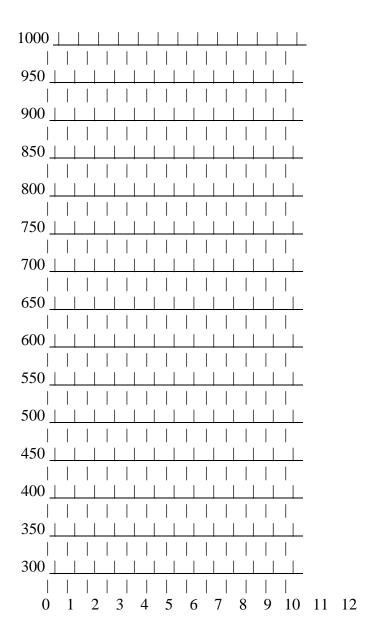
Calendar of Management Jobs for Your Beef Heifer Project

Record the activities or management practices that you did with your 4-H Beef Heifer Project. Start each year during October, when you enroll in 4-H. October is also the logical time to start working with and developing your heifer.

October	 	
November	 	
December		
January	 	
Eahrnary		
February	 	
March		
TVILLE CII		
April		

May			
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June			
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July			
•			
August			
August			
September			

What demonstrations, talks, visits, field trips or other activities did you take part in connection with your 4-H Beef Heifer Project?



Months You Owned Your Heifer

Record the Age of Your Heifer (Months)

Plot the weight of one of your heifers at various ages. Connect the points. This is the growth curve of your heifer.

My 4-H Heifer Story

Annual Work Record

DATE	WHAT YOU DID	TIME
Example October 1, 1993	Built feed trough	2 hours
October, 1993	Feeding and caring for my heifer for the month.	10 hours

Annual Health Record

DATE	TREATMENT	COST	TIME
Example			
October, 2, 1993	Treated heifer for lice and grubs.	0.75	15 min.

Feed Record

List the kind and amount of feed, total pounds, price per pound. Include pasture costs. Reasonable pasture costs are \$3-10.00 per month for a cow, \$1.50-5.75 for a 500 pound heifer.

KIND OF FEED	TOTAL COST

 _ ^ _	COST	
	CCC	

Miscellaneous Expenses

MONTH	KIND OF EXPENSE	TOTAL COST

Miscellaneous expenses would include those expenses other than feed costs. Veterinary cost, trucking, labor, equipment and similar costs.

(Use additional sheets if needed.)

Annual Financial Summary

No.1 1. Value of heifer(s) at start of proje		No.3 \$		\$			
2. Feed cost (include pasture)	\$	\$	\$	\$			
3. Other costs (veterinary, trucking, labor and similar costs)		\$	\$	\$			
4. TOTAL COSTS	\$	\$	\$	\$			
5. Value of heifer(s) at end of project	 ct \$	\$	\$	\$			
6. Increase in value of heifer(s)	\$	_ \$	_ \$	_ \$	_		
7. Income from prize money	\$	\$	\$	\$			
8. TOTAL RETURN (line 6 plus lin	ne 7)	\$	\$	\$	\$		
9. NET RETURN (line 8 minus line	÷ 4)	\$	\$	\$	\$		
Signature of Parent		— — Signat	ure of 4-	H Mem	ber	 	

If you have more than one heifer and they were fed and managed as a group, you may want to use an average figure.