

BEGINNING INVENTORY

Date Project Started : Phase I - Date Heifer is acquired _____

My Supreme Heifer is: (circle one) Registered or Commercial

Birth date of Phase I Heifer: _____

Value of Phase I Heifer when acquired: Date calculated _____ Select one of the following:
1) Commercial (price per lb. _____ x heifer weight _____) \$ _____
2) Registered (Seed Stock) market value \$ _____

What resources were used to determine the value of your Phase I Heifer? _____

EQUIPMENT ON HAND AT BEGINNING OF PROJECT
Example: Brushes, buckets, halters, grooming equipment, supplies, etc.

Article	Estimated Value
Total	\$

Total Value of Equipment on hand at beginning of project: \$ _____

EQUIPMENT PURCHASED OR LEASED

Example: Show box \$100, Orvus \$10

Item	Purchase Price or Lease Price
Total	\$

Total Expenses of Purchased or Leased Equipment: \$ _____

ANIMAL HEALTH RECORD

VACCINATIONS AND VITAMINS

List the vaccines and or vitamins you used.

	Date Used	(Price per dose x No. of doses)	Vaccine Company Brand Name
1. <u>Brucellosis</u>	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____

A. Vaccine Total Expense _____

INTERNAL OR EXTERNAL PARASITE CONTROL

Parasite control used: _____ Price per dose: _____

B. Parasite Control Total expense _____

BREEDING EXPENSES

What did it cost you to breed your heifer by A.I.: _____

What did it cost you to breed your heifer or cow by pasture exposure to a bull: _____

C. Breeding Total expense _____

Total of A, B, and C Animal Health Expenses: \$ _____

Brucellosis Vaccine Information: Expiration Date _____ Serial No. _____

Manufacturer Name _____

FEED EXPENSES

Alfalfa or hay value per ton _____	No. of lbs. fed per day at beginning of project _____
	No. of lbs. fed per day at end of project _____
Grain value per 50 pounds _____	No. of lbs. fed per day at beginning of project _____
	No. of lbs. fed per day at end of project _____
Other supplement value/ton _____	No. of lbs. fed per day _____
Salt value per 50 pounds _____	No. of lbs. fed per month _____
Mineral value per 50 pounds _____	No. of ounces fed per day _____
Pasture value per head / month _____	No. of months grazing pasture _____

To figure the price / month of each feed you must take the amount of the feed fed x the feed cost.

Example: Hay @ \$65 per ton; if fed 15 lbs. per day x 30 days = 450 lbs., 450 lbs. divided by 2000 pounds is .225 Ton fed this month. \$65 per ton x .225 Ton = \$14.63 hay expense this month.

Record on this page the feed expenses for each feed, for each month of the project. Each column for each month must be filled in. If not applicable write N/A. Show how you figure the monthly feed expense in each column for each month.

MONTH	HAY lbs. x price	PASTURE \$/hd/month	OTHER Supplement lbs. x price	GRAIN lbs. x price	Mineral & Salt amount x price
September					
October					
November					
December					
January					
February					
March					
April					
May					
June					
July					
August					

Total per column: _____
Total Feed Expenses: \$ _____

BREEDING RECORD

Date you turned your heifer with bull or inseminated: _____

Age in months of heifer at time of breeding: _____

Breed of heifer or: _____

Breed of bull: _____

Date bull removed: _____

Date pregnancy tested (if other than at fair): _____

Name of veterinarian who pregnancy tested your heifer: _____

Was heifer open or pregnant: _____

If open, what do you feel was the reason?

Briefly explain the estrous cycle of a heifer and why it is important for your heifer to be bred at least 42-45 days by fair.

INTERNAL OR EXTERNAL PARASITE CONTROL

List here what you did as far as using spray, pour-on, drench or injection. Explain why you used what you did and tell why you feel this process is important.

FINANCIAL AGREEMENT

Entering into a livestock enterprise requires a sizeable financial investment. Describe here what arrangements you have made with your parents or others to help you cover the cost of animals, equipment, feed purchased, veterinary expenses, etc.:

How much money did you borrow? \$ _____ (A)

What interest rate are you paying? % _____ (B)

What is the total finance charge (line A x line B) ? \$ _____

How do you plan to pay back the money you have borrowed: _____

Was the heifer given to you? _____ If yes, by whom? _____

How do you plan to pay back the person who gave you the heifer: _____

ENDING INVENTORY

LIVESTOCK

Value of Heifer at end of project \$ _____

Circle one (commercial market price / lb. x weight, or registered market value)

How did you determine the value of your project? _____

Total Value of Livestock at end of project \$ _____

EQUIPMENT ON HAND AT END OF PROJECT

Article	Estimated Value
Total value of equipment	\$

Total value of equipment on hand at end of project: \$ _____

SALE OF LIVESTOCK OR EQUIPMENT (if sold)

Date	Description	Weight in lbs.	Price / lb.	Total
		Total of sales	\$	

Total sales of livestock or equipment: \$ _____

FINANCIAL SUMMARY

Before starting this section, see that all blanks on preceding pages that apply to your project are completely filled out and totaled. Fill in the following financial summary completely.

RECEIPTS:

- 1. Total value of livestock on hand at the end of project year (page 6) \$ _____
- 2. Total value of equipment on hand at close of the project year (page 6) \$ _____
- 3. Total value of animals or equipment sold (page 6) \$ _____
- 4. **TOTAL RECEIPTS** (add lines above) \$ _____

EXPENSES:

- 5. Total value of livestock at beginning of the project year (page 1) \$ _____
- 6. Total value of equip. on hand at beginning of the project year (pg.1) \$ _____
- 7. Total expenses of purchased or leased equipment (page 1) \$ _____
- 8. Total animal health expenses (page 2) \$ _____
- 9. Total feed expenses (page 3) \$ _____
- 10. Interest expense (if any) (page 5) \$ _____
- 11. **TOTAL EXPENSES** (add lines 5, 6, 7, 8, 9, 10) \$ _____

NET GAIN OR LOSS (subtract line 11 from line 4) \$ _____

Signature of parent or 4-H leader who reviewed this page and page 3. _____

1. List top 5 things you looked for when selecting your heifer and please explain what you feel is the most important factor in your selection.

2. Other than BW and or CED, what EPDs or other traits did you focus on when selecting a bull to breed your heifer?

3. Did you feed your heifer a supplement (cake, grain, or other)? Please explain why or why not.

4. Did you feed your heifer Mineral? Please explain why or why not. Please choose a specific mineral that is important for cattle to have and explain why.

5. Explain your vaccine program and why you give what you give. Should every producer give the same vaccine?

6. Was the bull you used PAP tested? Please explain what PAP testing is and why it is important?

7. What is the ideal weight range and body condition score your heifer should be in by breeding season? Please explain why

8. Summarize what you have learned and your future goals for this program.

9. Are cattle long-term or short-term investments? Please explain your answer.

10. In your opinion, what is the most important issue impacting the beef industry today? Please explain.

Judges Comments:

This page, only, may be used for pictures or clippings related to your project.