

BEGINNING INVENTORY

Phase II - Cow/Calf _____ September 1 _____

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

Birth date of Phase II Cow: _____

Value of Phase II Cow

at beginning of project year (as price per head): \$ _____

What resources were used to determine the value of your Phase II Cow? _____

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 for your cow and calf.

Phase II Cow:	Date Used	(Price per dose x No. of doses)	Vaccine Company Brand Name
1. <u>Brucellosis</u>	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
A. Cow Total Expense			_____

Phase II Calf:	Date Used	(Price per dose x No. of doses)	Vaccine Company Brand Name
1. _____	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
B. Calf Total Expense			_____

INTERNAL OR EXTERNAL PARASITE CONTROL

Phase II Cow: What was used: _____ Price per dose: _____
C. Parasite Control Total expense _____

BREEDING EXPENSES

What did it cost you to breed your cow by A.I.: _____
What did it cost you to breed your cow by pasture exposure to a bull: _____
D. Breeding Total expense _____

Total of A, B, C, and D 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 cow with bull or inseminated: _____

Age in months cow at time of breeding: _____

Breed of cow: _____

Breed of bull: _____

Date bull removed: _____

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

Name of veterinarian who pregnancy tested your cow: _____

Was your cow open or pregnant: _____

If open, what do you feel was the reason?

PHASE II CALVING RECORD

Date calf/calves born (must be born after January 1 of the project year): _____

Birth weight of calf: _____

Was your calf a bull or heifer? _____

Did your animal have any calving difficulties? Did you assist the birth? Explain:

List the vaccinations given this calf at birth:

List the vaccinations given this calf at branding:

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 cow given to you (as a heifer)? _____ If yes, by whom? _____

How do you plan to pay back the person who gave you the cow (as a heifer) ?

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 5 things you looked for when selecting the bull you used to breed your cow, and explain what you feel is the most important trait and why.

2. What should the BCS of your bred heifer have been before she calved and why? Did you make any nutritional changes with your heifer during her pregnancy or after she had her calf?

3. What are the signs that a cow is about to calve? Describe what dystocia problems could happen during calving, and what you can do to fix it.

4. Choose a disease/illness that you think has the greatest impact on calf health? Explain what this disease does to the calf and what management practices can you use to treat and prevent it?

5. Choose one of the vaccines you gave your calf and explain what diseases that vaccine is intended to prevent. Please choose a different disease from the previous question (question 4).

6. We know that cattle serve many purposes. Could you talk about other than meat, what beef cattle provide?

7. Please explain what postpartum anestrus is in a cow and what you can do to ensure your cow is bred back for the following calving season.

8. What do you feel is the most difficult challenge when dealing with a cow/calf pair?

9. Looking back over the past two years with your heifer, what was the most important thing you learned and what would you change to make your project better?

10. There are a lot of misconceptions about agriculture in today's world, what can you as a producer do to promote the future of agriculture?

11. Did you use a mineral program for your cow/calf pair? Please explain what you fed and why or why not.

12. What do you like about the Supreme Heifer Program and what changes would you like to see in the future?

Judges Comments:

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