



PHASE 2

Cow & Calf Pair

Name: _____

Club: _____

Age Division: _____

Years in Project: _____

Sheridan County

RULES and GUIDELINES

1. The Heifer Futurity Program is open to all active 4-H and FFA members who reside in Sheridan County
2. Members must declare ownership for breeding beef no later than the June 1st deadline.
3. Completed record books (obtained online or at the extension office) will be due by July 20th to the Extension Office. The judges will need adequate time to judge them prior to the county fair. Record books must be handwritten in black ink or typed on a computer.
4. Age Requirements: Phase 1 heifer must born after January 1st of the previous year. Phase 2 cows **must** have completed Phase 1 the previous year and be shown with a calf at side.
5. A veterinarian will be present at county fair and will provide ultrasounds Saturday morning to confirm pregnancy in all Phase 1 and Phase 2 entries. Only bred entries will continue in the contest.
6. No contestant may enter more than two entries in each phase.
7. Loss of a calf in Phase 2 will not constitute disqualification. Grafting a calf is allowed. If a calf is lost, contact your Breeding Beef Superintendent.
8. Live placement will be held during the fair in the Heifer Futurity Show. A judges panel will be made up of appropriate local individuals in the breeding beef industry.
9. Interviews will be held the morning of Monday, August 7th. Members will be notified of the time, and place of the interviews.
10. Interview questions may be asked about feed costs, types, cost of grain, management techniques, goals, difficulties, vaccine/health, and any other areas of interest that the judges may wish to pursue.

SCORING

Phase 1	Record Book	30 Points
	Interview	10 Points
	Heifer Futurity Class Placing Score	60 Points
Phase 2	Record Book	30 Points
	Interview	10 Points
	Heifer Futurity Class Placing Score	60 Points

PRIZES

There will be prizes awarded for 1st and 2nd.

Supreme Overall scores are a total of Phase 1 and Phase 2. The winner will receive a donated heifer and a banner.

Journal of Activities and Educational Classes Attended

[illegible]

Inventory

Starting Assets from the end of Phase 1: Yearling Heifer

Heifer Information

Name: _____ Bangs Tag Number: _____

Birthdate: _____

Breed(s): _____ My heifer was: Purchased/Raised

Estimated Market Value: _____

Equipment on Hand

Quantity	Description of Items	Estimated Price

Total estimated value of equipment on hand: (Add the price of all equipment; use extra page if needed)

\$

Feed Expense Records

Record on this page all feed expenses and amount fed or consumed from the time your project started until present.

In this section you will:

- Examine and explain your current practices for your project.
- Calculate the cost for feeding your project.
- Analyze feed and supplements given to your project to maintain optimum health.
- Record the amount of feed purchased, weighed out or fed during the month.

Some reminders:

- Brand names do not matter, content and cost do.
- Be as specific as possible.
- Home grown feed should be listed as market value.
- Only calculate the animal in your project

Feed Expenses Log

Log of Expenses for Year: _____ (write current year; maintain through project)

Month/Date	Hay	Pasture	Concentrates	Other	Total
Total of Feed Expenses					\$

** Use this page similar to a check register. List each item purchased for your project. This can include, but is not limited to: feed, feed pans, medication, supplies, etc. This will help you to keep accurate records and divide out individual charges for the following charts.

Breeding Records

Date Bull Turned Out: _____

Date Inseminated: _____

Breed of Bull: _____

Date Bull Pulled: _____

Date of Pregnancy Tested: _____

Estimated Calving Date: _____

Cow **Open** or **Bred** (Circle one)

If Open, what do you feel was the reason?

Yearling: Beginning Weight _____

Yearling: Weight at County Fair _____

Breeding Expenses

Bull purchase, semen straws, CIDRs, LUTE, arm fees, etc.)

[illegible]

Calving Records

Date calf was born: _____

Bull or **Heifer** calf (circle one)

Weight of calf at birth: _____

Weight of calf at county fair: _____

Weight of cow at county fair: _____

Did your cow experience any calving difficulties?

Any shots, vitamins, or supplements given to the calf right after birth?

Animal Health Records

Use this page to list animal health related expenses for the current year for the entire herd.

Category	Date	Product Name	Associated Cost
Birth Vaccinations			
Branding Vaccinations			
Pre-Weaning Vaccinations			
Weaning Vaccinations			
BANGS Vaccination			
Pre-Breeding Vaccination			
Other Vaccinations			
Deworming			
External Parasites			
Other Supplements			
Other Treatment			
TOTAL			

If you used any internal or external parasite treatment, why do you feel that process is important?

Veterinarian Expenses

Anything done or given for the health of the animal. Immunizations, health paperwork for traveling, deworming, etc.

Date	Description	Cost
	Total	\$

Total Miscellaneous Expenses:\$_____

Other Expenses

Brand inspections, hoof trims, jackpot entries, scale fees, etc.

Date	Description	Cost
	Total	\$

Total Miscellaneous Expenses:\$_____

Financial Agreement

Entering into a livestock enterprise requires a sizable financial investment. Describe here what arrangements you have made, if you needed the help of your parents or others to help you cover the cost of animals, equipment, feed purchases, veterinary expenses, etc. or describe how you attained funds for this project.

Name of Financier (bank, parents, etc) _____

Date Funds were acquired _____ Date of Repayment _____

Interest Rate (if any) _____

Describe:

Ending Inventory

Livestock:

Value of livestock at the end of the project:

\$

Equipment and feed on hand at the end of the project:

Description	Value
Total Value of Leftover Feed and Equipment	\$

Financial Summary

		Value
ASSETS	Total value of livestock on hand at the end of the project year	
	Total value of equipment on hand at the beginning of Phase 2	
	Total value of feed and equipment at the end of Phase 2	
	TOTAL ASSETS (add up the three lines above)	
EXPENSES	Total cost of livestock on hand at the beginning of the project year	
	Total Feed Expense	
	Total Breeding Expenses	
	Total Veterinarian Expenses	
	Total Other Expenses	
	TOTAL Expenses (add up the five lines above)	
NET GAIN or NET LOSS	TOTAL Assets (put total from the green box above)	
	TOTAL Expenses (put total from the red box above)	
	Subtract Total Expenses from Total Assets	
<p align="center">NET GAIN or NET LOSS?</p> <p align="center">(Circle one)</p>		

Project Summary

Write a short summary of your project. Things to reflect on:

Why did you want to do this project?

What have you learned?

What were your triumphs or failures this year?

How will completing this contest help you in continuing your project?

Project Photos

Project Photos