

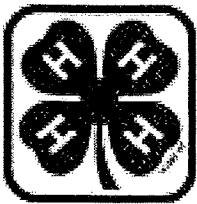
Buena Vista County 2nd Year Bottle/Bucket Calf Project

Purpose:

- To teach proper health and nutrition requirements of dairy/feeder cattle.
- To teach basic record keeping skills.
- To provide better understanding of the feeder cattle industry.
- To design a dairy/beef exhibit to encourage continued involvement in the dairy/beef industry.

Guidelines:

- All 4-H'ers who exhibited the previous year in the 1st year Bottle/Bucket Calf class are eligible.
- Any 1st year Bottle/Bucket calf may be exhibited as a 2nd year Bottle/Bucket calf.
- All 2nd year Bottle/Bucket calves must be weighed at the Market Beef weigh-in – excluding breeding heifers and dairy heifers.
- Feed records must be kept from the time of the December Weigh-In until the following Fair, when they are due at the Extension Office (regardless of whether or not they need to be at the Market Beef Weigh-In). These forms will be returned to the 4-H'er and may be added to their 4-H Record keeping for the current 4-H year.
- Calf must remain in the care of the 4-H'er from the beginning of the project until the fair.
- The exhibitor may identify and exhibit up to two animals.
- 2nd year calves will be exhibited in their own class at the fair and can also be shown in regular class (dairy or market beef).
- Exhibitors will complete a report of their exhibit, which will be due at the Extension Office by noon on the day of the show. Forms will be available at the Market Beef weigh-in or at the Extension Office. Record keeping forms include: Market Animal Worksheet (4-H 228) and 2nd year Bottle/Bucket calf Record or the 4-H'ers own similar record keeping forms.
- Evaluation will be based on:
 - 50% Record Keeping
 - 50% Show Ring Evaluation
- Ribbon Placement will be awarded after each class.
- Division winners will be eligible to compete for Grand Champion.



2nd Year Bucket/ Bottle Calf Worksheet (sample answers to written questions)

Name: _____
 County: _____
 Years in the Project area: _____
 Project type: _____
 Record start date: _____
 Record end date: _____

Project Animal Information

Number or name of animal	Animal's value at start of project	Status of animal at end of project or future plans
	\$	
	Total \$	

Date you received your calf _____ Beginning Weight _____
 Date you received your calf _____ Beginning Weight _____
 Date at end of project _____ Ending Weight _____
 Date at end of project _____ Ending Weight _____

Month	Type of feed (grain mix, hay, pasture, ect.)	Quantity (pounds, ect.)	Total costs
Total			\$

Other Expenses

Date	Describe expenses other than feed (entry fees, veterinary, interest, purchase price, ect.)	Total cost
Total		\$

Date		Total Value

Project Income

Inventory-price value of calf \$ _____

Inventory-price value of calf \$ _____

Profit (or loss) on the project \$ _____

Project Evaluation			
Days on Feed _____		Total Gain _____	
Calf 1	Calf 2	Calf 1	Calf 2
Total gain divide by days on feed = Average Daily Gain _____			
_____	Calf 1	Calf 2	

1. How could you decrease expenses and/or increase profit while maintaining the integrity of your herd?

Buying feed/hay in bulk, not using commercial feeds such as Nutrena or Purina

2. What resources would you use for herd health, changing your feeding program, or developing a farm illness plan?

Marcus vet, a feed specialist from the local elevator, reliable websites such as university of Iowa, Minnesota, or Wisconsin.

3. What are some potential unexpected expenses you may encounter if you were feeding an entire herd?

Manure management, rendering services, fines, taxes, transportation, employees, and taxes

4. How do you plan to market your animals?

A local livestock auction, craigslist, radio, newspaper

5. What resources would you need to expand your herd?

More pasture land, more fences, more watering sites, a way to transport grain to and water to different areas, calving pens, sick/treatment areas

6. What are the benefits and draw backs of raising the breed of cattle you chose?

(resources available at the Extension Office or online at www.extension.iastate.edu/sioux/4h)

Breed	Benefits or Cons for raising this breed	Drawbacks or Cons for Raising this breed
Jerseys		
Holsteins	Adapt to many kinds of weather Produce large amounts of milk, highest milk production Also used to produce meat	Poor calf raising skills Not very tolerant of heat
Guernsey		
Angus		

Herford		
Miniature Herford		
Charolais		
Beef Shorthorn		
Dexter		
Galloway		
Highland		
Simmental		
Ayrshire		
Brown Swiss		
Dairy Shorthorn		
Limousin		
Belted Galloway		
Mt Billiard		
Belgin Blue		
Brahman		
Corriente		

Goals and Project Learning:

1. What were your goals for this year? What are your goals for the future in regards to livestock production?

I wanted to see if I could raise multiple calves at one time. To be able to have a herd of 20 cow calf pairs

2. What did you learn by doing this project?

That there is a larger change of illness as you increases the number of animals in your herd and disease is more likely to go unnoticed due to inability to provide specialized care

Choose ONE of the following three options:

1. Form a farm illness plan. Explain prevention and treatments you would use. (Ensure that all treatments are used as directed on the label or by your vet.)
2. Create a 1 year financial plan for 100 head. (Describe initial start-up costs, as well reoccurring costs, income, possible unexpected costs)
3. Form a feed program for your future herd. (Describe what you would feed, how it would change as the animal grows, at what ages/ weights that would you transition, how could you change your feeding program to increase profit or rate of gain.)