

**CEDAR COUNTY 4-H/FFA BUCKET/BOTTLE CALF PROJECT**

**SENIOR WRITTEN RECORDS**

Complete and turn in pages 1-6 to the Extension Office by the last Monday in June (you may bring it to your interview time that evening). Submit the report WITHOUT any type of cover, binder or folder. This report will be returned after the county fair with the intention of you completing the project record pages for the remainder of the year. This complete report should then be inserted into your record book. This complete report consists of 9 pages.

Member Name \_\_\_\_\_ Year in Project \_\_\_\_\_

Club \_\_\_\_\_ Grade \_\_\_\_\_

1.

	1 <sup>st</sup> Calf	2 <sup>nd</sup> Calf	3 <sup>rd</sup> Calf
A. Eartag/Tattoo Number			
B. Steer or Heifer			
C. Beef or Dairy			
D. Date you took possession			
E. Source of Calf (check one)			
Purchased			
Born on our farm			
Other (explain)			
F. Calf's birthdate			
G. Color of Calf			
H. Breed of Sire (if known)			
I. Breed of Dam (if known)			
J. Value of Calf at Start of Project (actual or estimate)			
K. Weight of Calf at Start of Project (actual or estimate)			
L. Will this calf be exhibited at the county fair this year?			

2. Explain why you chose this project. If you have carried this project in the past why did you choose it again?

3. Describe how you decided where and how to get your calf (calves). What type of calf (calves) were you looking for, and why?

4. Describe the facilities where you housed your calf (calves).
5. Describe the feeding program that you followed to get your calf (calves) started. (type of feeds, amount per day, etc.)
6. When did you first change your feeding program after the calf was started and what did it look like? (kinds, amounts per day, etc.)
7. Can raising a calf in this manner be beneficial to either a beef or dairy producer? (whichever is appropriate for your project) Why or why not?
8. What kind of health problems did you anticipate with this project? And what did you do to try to prevent them?
9. Did your calf (calves) have any health problems? (Describe the problems and what you did to treat them.) What management practices did you follow to help the calf (calves) be healthy and grow?
10. Is this your first Bucket Bottle Calf project? If no, how did this year's project compare with previous years? If yes, what was the most difficult part of the project?

11. What have you learned through this project? What would you do differently?

12. What did you enjoy about this project?

**EXPENSES FOR PROJECT AS OF LAST MONDAY IN JUNE**

13. Feed Summary: Total for all bucket/bottle calves

Types of Feed														
Month	Milk Replacer		Starter / Complete Feeds		Hay		Grind & Mix Feed Corn & Oats		Other: Protein, Mineral, Salt etc.		Pasture Cost (approx. value)		Total Cost Per Month	
	Lbs.	\$	Lbs.	\$	Lbs.	\$	Lbs.	\$	Lbs.	\$				
Jan.													\$	\$
Feb.													\$	\$
Mar.													\$	\$
Apr.													\$	\$
May													\$	\$
June													\$	\$
Sub Totals													\$	a \$



17. Financial Summary

Total Approximate value of calf (calves) (as of last Mon. in June) (15G total above)	\$	a
What was the total value of your calf (calves) at the start of the project? (see page 1, 1J)	\$	b
How much did you spend on feed? (see page 3, 13a)	\$	c
How much were your other expenses? (see page 3, 14a)	\$	d
Total Expenses (Investment in the Project) (17b + 17c + 17d = 17e)	\$	e
Profit or Loss for the Project (17a – 17e = 17f)	\$	f
Breakeven Price per Pound (17e ÷ 15D = 17g)	\$	g

**STOP!**

**Be sure to insert photos on page 6 and submit pages 1-6 by the last Monday in June (you may bring it to your interview that evening).**

**Complete the remainder of the project record pages (pages 7-9) for the rest of the project year and insert the entire written report (pages 1-9) into your record book.**

## **PROJECT PHOTOS**

Photos of your bucket/bottle calf project (must include beginning photo as well as progress). Include a caption with each photo. Photos & captions limited to the space below on this page.

**EXPENSES FOR PROJECT AFTER LAST MONDAY IN JUNE (to be completed as of the end of the project year – sometime after the county fair)**

18. Feed Summary: Total for all bucket/bottle calves

Types of Feed														
Month	Milk Replacer		Starter / Complete Feeds		Hay		Grind & Mix Feed Corn & Oats		Other: Protein, Mineral, Salt etc.		Pasture Cost (approx. value)		Total Cost Per Month	
	Lbs.	\$	Lbs.	\$	Lbs.	\$	Lbs.	\$	Lbs.	\$				
Sub Totals Carried Forward (13a)												\$		\$
June												\$		\$
July												\$		\$
Aug.												\$		\$
Grand Totals												\$		a \$

19. Other Expense Summary: Total for all bucket/bottle calves

Date	Describe expenses other than feed or project animal purchases (entry fees, vet/med services, bedding, supplies, interest, etc.)	Cost
Last Monday in June	Sub Total Carried Forward from (14a)	\$
		\$
		\$
		\$
		\$
		\$
		\$
		\$
		\$
	Grand Total Other Expenses	\$ a

**PERFORMANCE FOR PROJECT AS OF COMPLETION (to be completed as of the end of the project year – sometime after the county fair)**

20. Project Animal Performance

A	B	C	D	E	F	G	H	I
Tag or Tattoo	Date Project Started	Beg. Weight (see 15c)	Ending Weight	Total Lbs. of Gain (D-C=E)	Date of Ending Weight	Total Days on Feed (B to F)	Value of Calf per Lb. at end	Value of Calf per lb. of weight (H/D=I)
		Lbs.	Lbs.	Lbs.			\$	\$
		Lbs.	Lbs.	Lbs.			\$	\$
		Lbs.	Lbs.	Lbs.			\$	\$
<b>Total for all calves</b>		Lbs.	Lbs.	Lbs.				

21. Project Evaluation

*Final Average Daily Gain [(20E total) above divided by (20G total) above = average for all calves]	Lbs. of gain per day
**Feed Efficiency [see page 7 (18 total) divided by (20E) above = average for all calves]	Lbs. of feed per lb. of gain
***Feed Cost per Pound of Gain [see page 7 (18a) divided by (20E total) above = average for all calves]	\$ per lb. of gain

\*Average Daily Gain (Rate of Gain) – How rapidly did your project gain weight?

\*\*Feed Efficiency = How much feed did your project need to gain one pound of weight?

\*\*\*Feed Cost per Pound of Gain = How much did feed cost to produce one pound of gain?

22. Financial Summary

Total value of calf (calves) as of ending (20H total above)	\$	a
What was the total value of your calf (calves) at the start of the project? [see page 5 (17b)]	\$	b
How much did you spend on feed? (total for the project year) [see page 7, (18a)]	\$	c
How much were your other expenses? (total for the project year) [see page 7 (19a)]	\$	d
Total Expenses (Investment in the Project – total for the project year) [22b + 22c + 22d = 22e]	\$	e
Profit or Loss for the Project (22a – 22e = 22f)	\$	f
Breakeven Price per Pound (22e ÷ 20D total = 22g)	\$	g

## **PROJECT PHOTOS**

Photos of your bucket/bottle calf project after last Monday in June. Include a caption with each photo. Photos & captions limited to the space below on this page.