Clayton County 4-H
Advanced Cattle Feeding Project Worksheet

Name: _____

For year: _____

My project began with the following animals:

Date	Description (include tag # or earnotch)	$/lb. (cost ÷ beginning weight)	Beginning weight	Cost or value
Total weight [1] and cost [2]			0 [1]	0 [2]

During the year the following animals died:

Date	ID	Estimated weight	Estimated value	Cause

Record of Expenses

My other expenses (veterinarian, bedding, insurance, show supplies and fees, interest, etc.) are:

Date	Item or expense	Cost
Total cost	$	[3]

My feed record is (include feed grown on family farm):

Date purchased	Pounds of feed				Pounds	$/lb (total cost ÷ pounds)	Total cost
	Forages	Grains	Supplement	Other			
Total pounds [4] and feed cost [5]					0 [4]		0 [5]

Record of Income

During the year I sold the following animals:

Date sold	Description (tag #)	$/lb (net sale ÷ final weight)	Final weight	Net sale amount of check
Total weight [6] and value of animals [7] sold			0 [6]	0 [7]

Listed below are the animal I still own at the end of the project year:

Date	Description (tag #)	$/lb (est. total value÷weight)	Weight	Estimated total value
Total weight [8] and value [9] of animals on hand			0 [8]	0 [9]

Other income (premiums, wool, etc.) I received:

Date	Item	Income
Total other income		0 [10]

Gain Records**

Description Tag #	Col 1 Date of beginning wt.	Col 2 Beginning weight	Col 3 Date of end wt.	Col 4 Final weight	Col 5 Total gain	Col 6 No. of days on feed	Col 7 ADG or
Total of total gain					0 [13]	0 [14

Summary

Profit or Loss Statement

Total Expenses			**Total Income**		

Value of animals at
beginning of my project   (From [2] on pg 1)   _____

Value of animals sold   (From [7] on pg 3)   _____

Feed cost   (From [5] on pg 2)   _____

Value of animals on hand at end   (From [9] on pg 3)   _____

Other expenses   (From [3] on pg 1)   _____

Other income   _____

(Add [2], [3], [5])   Total expenses   [[11]]

(Add [7], [9], [10])   Total income   [[12]]

Total expenses [11]   _____

Profit or Loss ([12] – [11])   [(15)]

**If you have more than six animals, continue this Gain Records section on another page so you have a line for each animal.

*Use this formula to calculate average daily gain (ADG):

   a) total gain = final weight minus beginning weight (Col 4 – Col 2 = Col 5)

   b) the number of days on feed = the number of days between the date of beginning weight and the date of ending weight (Use a calendar to count number of days between Col 1 and Col 3, number of days = Col 7.)

   c) ADG = total gain divided by the number of days on feed (Col 5/ Col 6 = Col 7)

Use this formula to calculate feed efficiency: [4] ÷ [13] = Feed Efficiency   **Feed Efficiency**   [(16)]

Pen Chart

Total Beginning Wt.	(1) from page 1	
Total Ending Wt.	(6) + (8)	
Cost/lb of feed	(5)/(4)	
Rate of Gain	(13)/(14)	
Feed Efficiency	(16)	
Feed Cost/lb gain	(5)/(13)	
Total Cost / lb gain	(3+5)/(13)	
Ration type	(List feeds)	
Net Profit/Loss/head	(15)/number of animals	