



ANNUAL

4-H RECORD

ALABAMA COOPERATIVE EXTENSION SYSTEM / ALABAMA A&M AND AUBURN UNIVERSITIES

Market Steer Project, _____

Name _____ Social Security no. _____ Age _____

Address _____ Zip _____ Phone _____

County _____ 4-H Club _____ Years in 4-H _____

Parent's signature _____

Leader's signature _____

Agent's signature _____

I. Expenses

To keep a good record for your 4-H market steer project, you must have a beginning date and an ending date. The best beginning date is the day you buy your calf. The best ending date is the day you sell your calf.

Table 1. Weight and Gain Record

	Date	Weight
Purchase		(A) _____ pounds
Sale		(B) _____ pounds
		Total Gain (B-A) _____ pounds

Table 2. Feed Costs

Purchase Date	Pounds of Grain Corn, Oats, etc.	Pounds of Protein Supplement	Pounds of Hay	Cost*

*Include cost of feeds you grew at home.

Total Feed Cost \$ _____

• To find the average daily gain for total feeding period, divide the total pounds gained (B) by the total days fed (A).

• To find the feed conversion rate, divide the total pounds of feed eaten (C) by total pounds gained (B).

• To find the cost per pound of gain, divide total feed cost (Table 2) by total pounds gained (B).

$$\frac{(A)}{(B)}$$

$$\frac{(B)}{(C)}$$

$$\frac{(B)}{(Table\ 2)}$$

III. Management Practices

Table 8. Parasite Control

Parasite (grubs, lice, worms)	Date	Product Used	Type of Administration (drench, bolus, injection)

List and briefly describe other management practices used such as foot trimming, health care, implants, identification, waste removal, and treatment of ringworm, bloat, scours, and other problems you solved.

IV. Feed Summary

a. List all ingredients in the feed you used, including vitamins, minerals, and other supplements.

b. What type of hay did you use and how was it fed? _____

c. Was the hay tested for protein and other nutrients? _____

d. Describe how you started your steer on feed (for example: self-fed, free choice, or hand-fed a certain amount each day). _____

- e. How did you feed him after he was on feed? _____

- f. What percentage of protein did your ration contain? _____
 Did you change this during the feeding period? _____
- g. List the feeds you grew at home. _____

- h. List the feeds you bought. _____

- i. Why is grain important in steer rations? _____

- j. Why is protein important in steer rations? _____

- k. Why are minerals important in steer rations? _____

V. Project Story

Write a story about your steer on a separate sheet of paper. Put it in your project record book.

Bob Ebert, *Extension Animal Scientist*, Animal and Dairy Sciences at Auburn University. Originally prepared by **Bob Whittenburg**, former *Extension 4-H Animal Scientist*.

Adapted from material prepared by the Southern Region 4-H Animal Science Literature Committee.

For more information, call your county Extension office. Look in your telephone directory under your county's name to find the number.

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