

2024 Lake County 4-H Market Animal Record

Name _____ Club Name _____

Grade _____ Year in Market Livestock Project _____ Pre-Fair Weight of Market Animal _____

Project (check one): Beef Goat Poultry Rabbit Sheep Swine

Project Goal

What is your goal for this year?

Expenses

Feed (Table 1)

List each type of feed in a separate column: grain, starter, hay, pasture, pellet, salt, mineral, supplement, milk replacer, and finisher.

Total Feed Used is the amount of feed used between weigh-in and record book due date.

Total Feed Estimated is the estimated additional amount of feed you will use between the time record books are submitted and the end of Fair.

Feed Type								
Date	Lbs.	Cost	Lbs.	Cost	Lbs.	Cost	Lbs.	Cost
Total Feed Used <i>by record book deadline</i>								
Total Feed Estimated <i>to be used between record book deadline and Fair</i>								
Total								

Total Cost of Feed \$ _____ Total Pounds of Feed Fed _____

Expenses Continued

Other Expenses (Table 2)

Veterinary services, medications, dewormer, insurance, transportation.

Date	Expense	Amount

Total \$ _____

Income

Equipment & Supplies on Hand (Table 3)

Equipment is considered an asset, which means it has value; and, because it has value, it is listed as income. The value at start is the purchase price, or last year's current value if you are a returning project member. To calculate the current value, use straight line depreciation. Multiply the Value at Start by 10% (assuming your equipment has a life span of ten years). Subtract that amount from the Value at Start to get the Current Value. Or, you can multiply the Value at Start by 90%, to get the Current Value.

Item	Value at Start	Current Value	Comments

Total \$ _____ \$ _____

Calculations

The purpose of these calculations is to develop skills and knowledge related to raising meat animals in the real world of Agriculture. The following formulas calculate rate-of-gain on the market animal using a “good faith” estimate of the animal’s weight at Fair. Actual average daily gain figures will be calculated at Fair weigh-in and provided after Fair. To calculate your actual figures, use the optional Project Summary Form after Fair. This form is not mandatory as part of the record book requirements.

Pre-Fair Weigh-In Weight _____
 Estimate of Final Weight _____
 Days on Feed (Provided in the 4-H Newsletter) _____
 Market Price per Pound (Provided in the 4-H Newsletter) _____
 Cost of Feed (Table 1) _____
 Pounds of Feed Fed (Table 1) _____

Estimate of Total Pounds Gained

$$\frac{\text{Estimate of Final Weight}}{\text{Pre-Fair Weigh-In Weight}} - = \frac{\text{Estimate of Total Pounds Gained}}{\text{Lbs.}}$$

Average Daily Gain

$$\frac{\text{Estimate of Total Pounds Gained}}{\text{Days on Feed (Provided in the 4-H Newsletter)}} \div = \frac{\text{Average Daily Gain}}{\text{Lbs.}}$$

Market Value

$$\frac{\text{Estimate of Final Weight}}{\text{Market Price per Pound (Provided in the 4-H Newsletter)}} \times \$ = \$ \frac{\text{Market Value}}$$

Cost of Gain

$$\frac{\text{Cost of Feed}}{\text{Estimate of Total Pounds Gained}} \div = \$ \frac{\text{Cost of Gain per Pound}}$$

Feed Efficiency (the number of pounds of feed required to gain 1 pound)

$$\frac{\text{Pounds of Feed Fed}}{\text{Estimate of Total Pounds Gained}} \div = \frac{\text{Feed Efficiency}}{\text{Lbs.}}$$

Financial Summary

Expenses

Market Animal Investment (Cost of animal) _____
Cost of Feed (Table 1) _____
Other Expenses (Table 2) _____
Equipment & Supplies Value at Start (Table 3) _____
Total Expenses _____

Income

Market Value of Animal (Page 3) _____
Equipment & Supplies Current Value (Table 3) _____
Total Income _____

Total Income \$ _____ - Total Expenses \$ _____ = Profit or Loss \$ _____

The profit or loss you have calculated is based on the real market value and investment you have made in your project. If your animal qualifies, it will be sold during Fair at the 4-H and FFA Market Sale. However, the sale does not reflect industry prices, but the generous support of the community for youth projects.

Member Evaluation

Use the information in this record to explain how your project has helped you learn about agricultural markets, costs of production, and developing responsibility. Is this experience worth repeating? State your opinion on the project's benefit and importance. (handwritten portion)

Date: _____ Signature: _____

Leader's Review & Comments

_____ has completed their 4-H records and I have reviewed them with the member.

Date: _____ Signature: _____