4-H Market Animal Record
Lake County, Oregon

Name_____________________________________ Boy____ Girl____ Last Grade____

Club Name ________________________________ Leader _______________________

Year in 4-H _______ Year in this Project ________ Town _______________________

Project: Beef _____ Sheep _____ Swine _____ Goat _____ Rabbit _____ Poultry _____

Pre-Fair Weigh in Weight ____________ Lbs    Date of Weigh-in __________________

Project Goal & Member Evaluation

First, state your goal for the year in a couple of sentences. This should be done when you begin your club year. To evaluate your experience, use the financial data and other information in this record to explain how your project has helped you learn about agriculture markets, costs of production, and developing responsibility. Is this experience worth repeating? State your opinion on the project’s benefit and importance.

Goal:________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________

Date___________                     Signature_______________________________________

Leader’s Review & Comments

_____________________________________________ has completed their 4-H records and I have reviewed them with the member
___________________________________________________________________________________________
___________________________________________________________________________________________
___________________________________________________________________________________________
___________________________________________________________________________________________
___________________________________________________________________________________________
___________________________________________________________________________________________

Date___________ Leader’s Signature_______________________________________________
**Income**

**Equipment & Supplies on Hand**
(Deprecate the value at closing by 10%—presuming your equipment has a life of ten years, this is known as “straight line depreciation.” Multiply the value at start by 10% and subtract that amount from the value at start. Or, multiply the starting value by 90%. Equipment is considered an asset having value; and therefore; is part of the income section.) The value at start is last year’s current value, if you have completed prior records.

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<tr>
<th>Item</th>
<th>Value at Start</th>
<th>Current Value</th>
<th>Comments</th>
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Total Current Value of Equipment & Supplies ______________________

**Other Income**
Sale of wool, premiums earned in contest, etc; received this year.

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<th>Type of Income</th>
<th>Date</th>
<th>Amount of Income</th>
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Total Other Income ______________________

**Expenses**

**Market Animal Investments**
Beginning value; state purchase price or gift value ______________________

**Other Expenses**
Veterinary services, medications, insurance, transportations

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<th>Item of Expenses</th>
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Total Other Expenses ______________________
Expenses, continued

Feed Record
List each type of feed in a separate column: grain, starters, hay, pasture, pellets, salt, mineral, supplements, milk replacer, and finishers. Calculate the amount of feed used between weigh-in and the amount of feed used by record book due date. Estimate the additional amount you will use between the time records are submitted and until the end of fair.

| Feed Type | Date | Lbs. | Cost | Date | Lbs. | Cost | Date | Lbs. | Cost | Date | Lbs. | Cost | Date | Lbs. | Cost | Date | Lbs. | Cost |
|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
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Total feed used by record deadline

Estimate of feed to be used from deadline to end of fair here

Totals

Financial Summary

**Income**
- Market value of Animal at fair
- Current Value, equipment
- Other Income

**Expenses**
- Cost of Feed
- Market Animal Investments
- Starting Value, equipment
- Other Expenses

**Total**

**Profit or Loss** (subtract expenses from income)

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

The following exercise calculates rate of gain on the market animal using a “Good Faith” estimate of the animals weight at fair. Market Value is calculated also, using the estimated weight of the animal at fair and actual livestock market prices provided by the OSU/Lake County Extension Service. The purpose of this exercise is to develop skills and knowledge related to raising meat animals in the real-world of agriculture. Actual average daily gain figures will be calculated at fair weigh-in and provided to members after fair. (To calculate your actual figures, use OPTIONAL Project Summary Form after fair. This form is not mandatory as part of the record book requirements.)

| Estimate of Final Weight of your market animal at Fair |
| Pre-fair weigh-in (Weight at tagging) |
| Total Pounds Gained (Subtract tagging weight from fair estimate) |
| Days on Feed (Days are calculated from pre-fair tagging date to September 1st) |

Calculations

1- Divide Total Pounds Gained by Days on Feed (listed above) to figure:
   - Average Daily Gain
     - _________Lbs/Day
   - Estimate of final weight
     - _________Lbs
   - Market Price
     - _________/Lbs

2- Multiply Estimate of final weight by the Market Price to figure:
   - Market Value
     - $___________
   - Total Cost of Feed
     - $___________
   - Total Pounds Gained (above)
     - _________Lbs

3- Divide the Total Cost of Feed by Total Pounds Gained to figure:
   - Cost of Gain
     - _________/Lbs
   - Pounds of Feed Fed
     - _________Lbs
   - Total Pounds Gained
     - _________Lbs

4- Divide Pounds of Feed Fed by the Total Pounds Gained to figure:
   - Feed Efficiency
     - _________
   (Feed efficiency is described as the number of Lbs of feed required to gain a pound of weight.)