**Uintah County 4-H**

**Livestock Record Book**



Slogan: Learn by Doing

 Motto: To Make the Best Better

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**Member Name**

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Age (as of September 1) Date of Birth Years in 4-H

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 County Club

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 Club Leader Project(s)

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 Member Signature Date

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 Leader Signature Date

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Uintah County 4-H Livestock

Record Book

Why Keep Records?

By keeping records, you will be able to see how much progress you make this year and over the course of your 4-H career as you set goals and work to accomplish them. Good records will:

* Help you learn about animals, their rate of growth, the feed they require, the

 cost of the feed they require and their habits.

* Increase understanding of your project’s financial outcome.
* Assist you in gathering information to market your animal.
* Improve your management practices.
* Keep track of your project activities and learning experiences.
* Allow you to better plan for future livestock projects.

Project Plan

The animals you plan to have in your project this year are:

Kind Number Where will you get them?

\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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When do you plan to start the project? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How much do you expect to spend for feed and animals for this project?

Cost of Animals\_\_\_\_\_\_\_\_\_\_ + Cost of Feed \_\_\_\_\_\_\_\_\_\_\_ = Total \_\_\_\_\_\_\_\_\_\_\_

Where will you get the money for the project?

\_\_\_ Borrow from the bank \_\_\_ Borrow from a business sponsor

\_\_\_ Borrow from parents \_\_\_ Use own money



 **4-H GOALS**

Set some goals for your 4-H project for the coming year.

The skill of setting and achieving goals is something 4-H strives to teach and encourage 4-Hers to practice. It’s a skill that will surely be useful in the future. Setting goals can be as broad as a project or as specific as an exhibit a 4-Her plans to take to fair. As a 4-H member adds to their knowledge and skill set, goals should become more challenging and demonstrate further learning.

**What is a Goal?**

 A GOAL is ...... deciding what you want to do and learn in a 4-H project

 A GOAL is ...... having a road map. It helps you decide how to get where you want to go.

 Goals have three parts that allow us to measure and check our progress. They are:

 The Action - How are you going to do something?

 The Result - What are you going to do?

 The Timetable - When you are going to do it?

 Use the examples and worksheet below to help you set your 4-H Project goals.

Examples:

**Action Result Timetable**

I want to train my 4-H beef heifer to lead before stock show time

I want to make three nutritious snacks by the June meeting

ACTION (how) RESULT (what) TIMETABLE (when)

I want to\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

I want to\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

I want to\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Control Test?**

Do your goals pass the control test? That is, do you have control over all parts of what happens? If you

can answer "yes", you are ready to begin recordkeeping.

**Daily Feed Record**

Month**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Date | Type | LBS | Cost | Type | LBS  | Cost | Notes |
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| **Totals** |  |  |  |  |  |  |  |

**Daily Feed Record**

**TOTAL FEED**

Add column

**TOTAL FEED**

**COST**

Add column

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| Date | Type | LBS | Cost | Type | LBS  | Cost | Notes |
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| **Totals** |  |  |  |  |  |  |  |

Month**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**



**4-H Livestock Monthly Feed Record Worksheet (Add additional pages if needed)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Feed Types |   |   |   |   |
|   | Lbs. | Cost | Lbs. | Cost | Lbs. | Cost | Lbs. | Cost |
| SEPT |   |   |   |   |   |   |   |   |
| OCT |   |   |   |   |   |   |   |   |
| NOV |   |   |   |   |   |   |   |   |
| DEC |   |   |   |   |   |   |   |   |
| JAN |   |   |   |   |   |   |   |   |
| FEB |   |   |   |   |   |   |   |   |
| MARCH |   |   |   |   |   |   |   |   |
| APRIL |   |   |   |   |   |   |   |   |
| MAY |   |   |   |   |   |   |   |   |
| JUNE |   |   |   |   |   |   |   |   |
| JULY |   |   |   |   |   |   |   |   |
| AUG |   |   |   |   |   |   |   |   |
| **TOTALS** |   | $ |   | $ |   | $ |   | $ |

**TOTAL COST of FEED**

Add cost columns \_\_\_\_\_\_\_\_\_\_\_\_

**TOTAL LBS of FEED**

Add lbs columns \_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_ Number of animals reflected on this chart.

**NOTE: RECORD FEED AS IT IS FED TO YOUR ANIMAL**

 **-**Type of feed should be expressed in pounds and include: grains, supplements, mixes, hay, silage, etc.

 - The estimated value of homegrown feed needs to be included



4-H Livestock Expense Record

The Livestock Expense Record is to be used to track all expenses incurred for the livestock project every year. The categories and what belongs in each one are listed below.

Animal Purchase: purchase price of animal, any transportation costs associated with bringing animal home.

Feed: hay, silage, grain, supplements

Animal Health: vet bills, medications, vaccinations

Supplies/Equipment: bedding, clippers, grooming supplies, taggers

Show Expenses: entry fees, show clothes, show sticks, show boxes, buyer appreciation gifts

Other: any other expense incurred while raising stock show animals

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Date | Payee | Description | Total | Animal Purchase | Feed | Animal Health | Supplies/ Equipment | Show Expenses | Other |
| 1/1/01 | Local Feed StoreEXAMPLE | Feed and show clothes | $175.95 | EXAMPLE | $125.00 | EXAMPLE | EXAMPLE | $50.95 |  |
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**4-H Livestock Expense Record** (use multiple as needed)

**4-H Livestock Expense Record** (use multiple as needed)

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Date | Payee | Description | Total | Animal Purchase | Feed | Animal Health | Supplies/ Equipment | Show Expenses | Other |
| 1/1/01 | Local Feed StoreEXAMPLE | Feed and show clothes | $175.95 | EXAMPLE | $125.00 | EXAMPLE | EXAMPLE | $50.95 |  |
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**4-H Livestock Project Summary**

**My 4-H Project Animals**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Ear Tag Number** | **Sex** | **Breed** | **Date Acquired** | **Beginning Weight** | **Final Weight** |
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Note: The final weight can be by scale at home or at the fair. This allows the exhibitor to complete the record book prior to turning it in.

**4-H Livestock Project Expenses: Value**

|  |  |
| --- | --- |
| Purchased animal = Price you paid for animal **or**Raised animal = Value of animal at start of project | A $ |
| Total Feed Costs Per Animal From Daily Feed Record | B $ |
| Total Cost From Livestock Project Expense Record  | C $ |
|  Total Expenses (a + b + c) |  $ |

**Formula to Calculate Your Breakeven Price**

 $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ÷\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ = $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Total Final Weight Breakeven Price

 Price per pound

 needed to cover expenses

**Rate of Gain**

Number of pounds gained ÷ Number of days

Final Weight \_\_\_\_\_\_\_\_\_\_ - Beginning Weight \_\_\_\_\_\_\_\_ ÷

Number of days\_\_\_\_\_\_\_\_\_ = Rate of gain\_\_\_\_\_\_\_\_\_\_\_\_\_



 **Project Reflections**

**1. What did you learn in the project this year?**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2. What did you feed your animal(s) and why? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**3. What management strategies did you put in place to help keep your animal(s) healthy? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**4. What is the breakeven price for this project? What can be done to improve the breakeven price? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**5. List one thing that went well and one thing you would improve in the future. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**