**Maryland 4-H Animal Science – Livestock Market**

 **Project Record**

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| --- | --- | --- | --- |
| Name |   | 4-H Age |   |
| Primary Club Name |   |
| Years in 4-H |   | Years in this Project |   |
| I have completed this record and believe all information to be complete and accurate. Member’s Signature Date Parent’s Signature Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ Leader’s Signature Date Educator’s Signature Date |

|  |
| --- |
| Please indicate your Animal Science Project Area |
| ☐Beef/Dairy Steer | ☐Market Goat | ☐Market Sheep | ☐Market Swine |
| What goals did you set for your project this year and did you achieve them? |
| 1.  |
| 2.  |
| 3.  |
| What were four things you learned from completing this project this year? |
| 1.  |
| 2.  |
| 3. |
| 4. |
| What is one thing you would like to improve or do differently with your project next year? |
|  |
| **Life Skills** |
| Describe the Life Skills you used and what you learned in relation to your project.Example Table

|  |  |
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| **I used one or more of these Life Skills from the Targeting Life Skills Wheel** | **What I learned as a result of using this skill.** |
| **HEAD***Example: Decision Making* | *I learned that I needed to be sure to budget my money when purchasing my rabbit projects so I would have enough to cover all of my expenses.* |
| **HEART***Example: Sharing* | *I learned how to give younger 4-H members pointers on how to fit and show their animals properly.* |
| **HAND***Example: Community Service Volunteering* | *I took my lambs to the elementary schools “Ag Day” and I was able to teach and expose 100 students about my lamb project.* |
| **HEALTH***Example: Managing Feelings* | *I learned to control my feelings when I became frustrated that my pig would not cooperate to get loaded on the trailer* |

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| --- | --- |
| **I used one or more of these Life Skills from the Targeting Life Skills Wheel** | **What I learned as a result of using this skill.** |
| **HEAD** | 1.2. |
| **HEART** | 1.2. |
| **HAND** | 1.2. |
| **HEALTH** | 1.2. |

 |

The diagram below shows many of the Life Skills learned in 4-H:



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| **Project Activities****Include: Field Trips, Skillathon, Judging, Workshops, Quality Assurance, Class Participation, etc.****All project activities listed should be about this project area only.** |
| --- |
| **Date** | **Name of Activity/Event** | **Location** **(School, Club, County, Regional, State, National etc.)** |
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| **Project CommunicationsAll project communications listed should be about this project area only.** |
| **Date** | **Type of Communication****(Speech, Demonstration, Visual Presentation, etc.)** | **Title** | **Location****(School, Club, County, Regional, State, National etc.)** |
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| **Project Exhibits** **Include: Fairs, Shows, Community Events, etc.****All project exhibits listed should be for projects in this area only.** |
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| **Date** | **Exhibit** | **Location/Event** | **Placing****(if applicable)** |
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| **Table 1: Information on Project Animals** |
| **Project Animal Description** |  | **Beginning of Project** |  | **End of Project** |  | **Final Production** |
| Breed | Sex | Identification4-H Tag # |  | Weigh-inDate | Weight | Purchase Cost orMarket Value |  | Weigh-in Date | Weight | SellingPrice orMarket Value | Death, Loss, or Sold Date |  | DaysOnFeed | Lbs.Gained | Lbs.PerDay |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
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| TOTALS - - |   |   |   |   |   |   |   |   |   |   |   |   |

**Lbs Gained Per Day**

To calculate lbs. gained take the lbs. gained and divide by the number of days on feed.

|  **Table 2: Feed Expenses** |  |  |
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| **Date Purchased** | **Type of feed (grain, mix, hay, supplement, pasture, silage)** | **$/lb (total cost divided by lbs)** | **Pounds (lbs)** | **Total Cost** |
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| **Total pounds and total feed costs** |   |   |

**Feed Efficiency**

To calculate feed efficiency take the total pounds gained by all of your market animals and divide that by the total pounds of feed you have fed them.

Feed Efficiency = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  **Table 3: All Other Expenses****(Bedding, Insurance, Entry Fees, Equipment, Sale Commission, Supplies, Etc.)** |
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| **Date** | **Description of Item or Expense** | **Cost** |
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| **Total All Other Expenses** |   |

| **Table 4: Health and Veterinary Expenses**List practices & materials used to treat or protect your animals from parasites, illnesses, & diseases. Include veterinary examinations, health papers, treatments for illnesses or injuries, foot care, vaccinations, medications & dewormers etc. |
| --- |
| **Date(s) Treated**  | **4-H Tag#/****Animal ID** | **Reason for Treatment or Veterinary Visit** | **Treatment Given** | **Withdrawal Period**  | **Cost** |
|  |  |  |  | Days | Date Completed |  |
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| **Total Health and Veterinary Expenses**  |   |

| **Table 5: Sale Animal Income****Income from animals sold through 4-H Livestock Sale(s), Privately Sold, Sold at Livestock Auction, etc.** |
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| **Date Sold** | **Description of Income****(Include 4-H Tag #)** | **Final Weight** | **Gross Sale****(Amount of Check)** | **$/lb****(net sale/final weight)** |
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| **Total weight and value of animals sold** |   |   | N/A |

| **Table 6: All Other Income****Include all other income from project animal(s) including premiums, products (wool, etc.) , etc.** |
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| **Date** | **Description of Income** | **Income $** |
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| **Total All Other Income** |   |

**Financial Summary: Please make sure to use the above totals.**

Determine how much money you made or lost on your project animals. You can determine your profit (or loss) by:

1. **Add Income**
2. Sale Animal Income (Table 5) $ \_\_\_\_\_\_\_\_
3. All Other Income (Table 6) $ \_\_\_\_\_\_\_\_

**Total Income (A) $** \_\_\_\_\_\_\_\_

1. **Add Expenses**
2. Project Animal Costs (Table 1) $ \_\_\_\_\_\_\_\_
3. Feed Expenses (Table 2) $ \_\_\_\_\_\_\_\_
4. All Other Expenses (Table 3) $ \_\_\_\_\_\_\_\_
5. Health and Veterinary Expenses (Table 4) $ \_\_\_\_\_\_\_\_

 **Total Expenses (B)$**\_\_\_\_\_\_\_\_

**Subtract B from A to get profit or loss Total $**\_\_\_\_\_\_\_\_ **(profit or loss)**

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