**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 | | | | | |

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| --- | --- | --- | --- |
| 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   |  |  | | --- | --- | | **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* |  |  |  | | --- | --- | | **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 Communications All 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.** | | | |
| --- | --- | --- | --- |
| **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 | Identification  4-H Tag # |  | Weigh-in  Date | Weight | Purchase Cost or  Market Value |  | Weigh-in Date | Weight | Selling  Price or  Market Value | Death, Loss, or Sold Date |  | Days  On  Feed | Lbs.  Gained | Lbs.  Per  Day |
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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** | | |  |  |
| --- | --- | --- | --- | --- |
| **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.)** | | |
| --- | --- | --- |
| **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.** | | | | |
| --- | --- | --- | --- | --- |
| **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.** | | |
| --- | --- | --- |
| **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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