



# 4-H Market Animal Complete Record

(for Intermediates and Seniors)

**Species:** \_\_\_\_\_

**Year:** \_\_\_\_\_

Name: \_\_\_\_\_ County: \_\_\_\_\_

Age: \_\_\_\_\_ Grade: \_\_\_\_\_ Years in 4-H: \_\_\_\_\_

Years enrolled in this project, including this year: \_\_\_\_\_

**Goals** For this project I would like to learn or do:

**Communication** Record presentations (talks, demonstrations, newspaper articles, radio interviews, etc.) you have given in this project this year. Include the topic, kind of presentation, type of group reached, and number in audience.

**Action Plan**

Record what you did and learned in this project as you go through the year. Be specific by telling how many and what items were made or selected, animals fed and cared for, decisions, plans carried out, etc.

**Citizenship**

Record your citizenship and community service experiences (helping others) related to this project. Include activities of benefit to the community, school, church group, a neighbor, etc.

**Leadership**

Record your leadership activities related to this project, such as teaching others, leading workshops, organizing an activity, etc.

<b>During the year</b>	List recognition you received in the project. (Examples: ribbons, certificates, your name in the paper, etc.)

<b>During the year</b>	Attach pictures, clippings, fair exhibit write-ups, project worksheets, or additional pages related to this project.
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<b>Refelctions</b>	Tell about your overall 4-H experiences in this project. Evaluate your personal growth, learnings, successes, disappointments, fun and frustrating experiences, and plans for the future.



# 4-H Market Animal Project Worksheet

Name: \_\_\_\_\_

Project: \_\_\_\_\_ For year: \_\_\_\_\_

**Instructions:** This worksheet should help you keep records of your 4-H market animal project. Use a separate sheet for each kind of project—market beef, market hogs, mand/or market lambs.

My project began with the following animals:

Date	Description (include tag # or eartotch)	\$/lb. (cost ÷ beginning weight)	Beginning weight	Cost or value
<b>Total weight [1] and cost [2]</b>			[1]	[2] \$

During the year the following animals died:

Date	ID	Estimated weight	Estimated value	Cause

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### Record of Expenses

My feed record is (include feed grown on family farm):

Date purchased	Type of feed (grain, mix, hay, supplement, pasture, silage)	\$/lb (total cost ÷ pounds)	Pounds	Total cost
<b>Total pounds [3] and feed cost [4]</b>			[3]	[4]

My other expenses (veterinarian, bedding, insurance, show supplies and fees, interest, etc.) are:

Date	Item or expense	Cost
<b>Total cost</b>		\$ [5]

### Record of Income

During the year I sold the following animals:

Date sold	Description (include tag # or earnotch)	\$/lb (net sale ÷ final weight)	Final weight	Net sale amount of check
<b>Total weight [6] and value of animals [7] sold</b>			[6]	[7] \$

Listed below are the animal I still own at the end of the project year:

Date	Description (include tag # or earnotch)	\$/lb (est. total value ÷ weight)	Weight	Estimated total value
<b>Total weight [8] and value [9] of animals on hand</b>			[8]	[9] \$

Other income (premiums, wool, etc.) I received:

Date	Item	Income
<b>Total other income</b>		[10] \$

## Summary

### Profit or Loss Statement

#### Total Expenses

Value of animals at beginning of my project (From [2] on pg 1) \_\_\_\_\_

Feed cost (From [4] on pg 2) \_\_\_\_\_

Other expenses (Add [2], [4], [5]) (From [5] on pg 2) \_\_\_\_\_

#### Total Income

Value of animals sold (From [7] on pg 3) \_\_\_\_\_

Value of animals on hand at end (From [9] on pg 3) \_\_\_\_\_

Other income (Add [7], [9], [10]) \_\_\_\_\_

Total expenses [11]

Total income [12]

Total expenses [11] \_\_\_\_\_

**Profit or Loss** ([12] – [11])

### Gain Records\*\*

Description (include tag # or earnotch)	Col 1 Date of beginning wt./*birth date	Col 2 Beginning weight	Col 3 Date of ending wt.	Col 4 Final weight	Col 5 Total gain	Col 6 No. of days on feed/ *days of age	Col 7 ADG or WDA
<b>Total of total gain</b>					[13]		

\*\*If you have more than six animals, continue this Gain Records section on another page so you have a line for each animal.

\*Use this formula to calculate average daily gain (ADG):

- a) total gain = final weight minus beginning weight (Col 4 – Col 2 = Col 5)
- b) the number of days on feed = the number of days between the date of beginning weight and the date of ending weight (Use a calendar to count number of days between Col 1 and Col 3, number of days = Col 7.)
- c) ADG = total gain divided by the number of days on feed (Col 5 ÷ Col 6 = Col 7)

\*Use this formula to calculate weight per day of age (WDA):

Weight per day of age (WDA) should be calculated for animals that do not have beginning weight recorded.

- a) days of age – the number of days between the date of birth and the date of ending weight (Use a calendar to count number of days between Col 1 and Col 3, number of days = Col 6.)
- b) WDA = final weight divided by the number of days of age (Col 4 ÷ Col 6 = Col 7)

Use this formula to calculate feed efficiency: [3] ÷ [13] = Feed Efficiency

**Feed Efficiency**