



4-H Market Animal Project Worksheet

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, and/or market lambs.

My project began with the following animals:

Date	Description (including tag # or earnotch)	\$/lb. (Cost + Beginning Weight)	Animal's value at start of project	Cost or Value
			\$	
			Total weight (Box 1)	Total cost (Box 2)

During the year the following animals died:

Date	ID	Estimated weight	Estimated value	Cause

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and justice for all . . .
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Record of Expenses

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

Date Purchased	Type of feed (corn, hay, supplement)	\$/lb. (Total cost ÷ pounds)	Pounds	Total cost
Total pounds (Box 3)				Total feed cost (Box 4)

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

Date	Item or expense	Cost
Total cost (Box 5)		\$

Record of Income

During the year I sold the following animals:

Date Sold	Description (including tag # or earnotch)	\$/lb. (Net Sale + final weight)	Final weight	Net sale amount of check
			Total weight (Box 6)	\$ Total value of animals sold (Box 7)

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

Date	Description (including tag # or earnotch)	\$/lb. (Est. Total Value + Weight)	Weight	Estimated total value
			Total weight (Box 8)	\$ Total value of animals on hand (Box 9)

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

Date	Item	Income
		Total other income (Box 10) \$

Summary Profit or Loss Statement

Total Expenses

Value of animals at beginning of my project (from box 2 on p.1) _____

Feed cost (from box 4 on p.2) _____

Other expenses (from box 5 on p. 2) _____
(add numbers from boxes 2, 4, 5) _____

Total Expenses (box 11) _____

Total Income

Value of animals sold (from box 7 on p.3) _____

Value of animals on hand at end (from box 9 on p.3) _____

Other income (from box 10 on p. 3) _____
(add numbers from boxes 7, 9, 10) _____

Total Income (box 12) _____

Total Expenses (from box 11) _____

Profit or Loss (box 12 minus box 11) _____

Gain Records**

Identification (tag # or ear notch)	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*
Total of Total Gain (Box 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 the formula to calculate average daily gain (ADG):

- a) total gain = final weight minus beginning weight (subtract column 2 from column 4. Record the number in Column 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 column 1 and column 3. Record the number in column 6.)
- c) ADG= total gain divided by the number of days on feed (Divide column 5 by column 6 and record in column 7.)

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

Weight per day of age (WDA) should be calculated for animals who 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 column 1 and column 3. Record the number of days in column 6.)
- b) WDA=final weight divided by the number of days of age (column 4÷column 6. Record number in column 7.)

Use this formula to calculate feed efficiency: box 3 ÷ box 13

Feed Efficiency: _____