



# Feed and Growth Record for 4-H Market Animals

For 4-H members who want to keep more complete records on market beef, goats, sheep, swine and other market animals and be able to figure rate of gain, cost of gain, and ability to use feed. This record is in addition to other records in the 4-H Animal Science project. Use one record for each animal or pen of animals. Start weight and feed records at the time of the official weigh-in. Weigh your animals monthly if possible.

NAME: \_\_\_\_\_ COUNTY: \_\_\_\_\_

Name or description of animal(s) or pen of animals: \_\_\_\_\_

Species (beef, dairy cattle, goat, poultry, rabbit, sheep or swine): \_\_\_\_\_

Identification of animal(s): \_\_\_\_\_

Birth date of animal(s): \_\_\_\_\_ Purchase date or obtained: \_\_\_\_\_

Breed of sire: \_\_\_\_\_ Breed of dam: \_\_\_\_\_

## RATE OF GAIN

	<b>Weight</b>	<b>Date</b>
Ending	_____	_____
Beginning	_____	_____

Lb Gained	_____	Number of growing days _____	Average daily gain _____
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(Calculate the average daily gain by dividing the lb gained by the number of growing days)

Lb of feed fed \_\_\_\_\_ Lb gained \_\_\_\_\_ = feed efficiency \_\_\_\_\_  
(from the back of this sheet) (lb of feed/lb gained)

(Calculate feed efficiency by dividing the lb of feed fed by the lb gained.)

Cost of feed \_\_\_\_\_ Lb gained \_\_\_\_\_ = Cost of feed/lb gained \_\_\_\_\_  
(from the back of this sheet)

(Calculate the cost of feed per lb gained by dividing the cost of the feed by the lb gained.)

# Feed Record

Month	Kinds of feed – (Ration No. 1, rolled barley, alfalfa hay, etc.)								Total cost of feed
							Pasture		
	Lb	Cost	Lb	Cost	Lb	Cost	Days	Cost	
Total		\$		\$		\$		\$	\$

## FINANCIAL SUMMARY

- 10. Cost of animal \_\_\_\_\_ (see *4-H Animal Science Record, page 1*)
- 11. Cost of feed \_\_\_\_\_ (see above table)
- 12. Cost of other expenses \_\_\_\_\_ (see *4-H Animal Science Record, page 2*)
- 13. Total cost \_\_\_\_\_
- 14. Sale price \_\_\_\_\_ (\$ \_\_\_\_\_ per lb)
- 15. Profit/loss \$ \_\_\_\_\_ (Subtract the total cost from the sale price. Enter this figure on Page 4 of the *4-H Animal Science Record*.)
- 16. Profit/loss per lb \$ \_\_\_\_\_ (Calculate the profit/loss per lb by dividing the profit/loss by the Lb gained.)
  
- 17. Carcass data: Yield grade \_\_\_\_\_  

(1,2,3,4)
- 18. Quality grade \_\_\_\_\_  

(prime, choice, select)

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