

Feed and Growth Record for 4-H Market Animals

(For 4-H members who want to keep more complete records on market beef, 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.)

Name _____ **County** _____

Use one record sheet for each animal or pen of animals. Start weight and feed records at the time of official weigh-in. Weigh your animals monthly if possible. Keep one sheet per animal or pen.

Name or description of animal(s) _____ Kind (beef, dairy cattle, dairy goat,
or pen of animals: _____ 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

	Weight	Date
Ending	_____	_____
Beginning	_____	_____

Lb gained _____ Number of growing days _____ = Average daily gain _____
(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 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 back of this sheet)
(Calculate the cost of feed per lb gained by dividing the cost of 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 on this sheet)
- 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, good)