

# FEED AND GROWTH RECORD FOR 4-H MARKET ANIMALS

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

Name or description of animal \_\_\_\_\_ Kind (beef-sheep-swine  
or pen of animals: \_\_\_\_\_ or dairy) \_\_\_\_\_

Identification of animal \_\_\_\_\_

Birth of animal \_\_\_\_\_

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

1. Starting weight of animal \*Date \_\_\_\_\_
2. Ending weight of animal \*Date \_\_\_\_\_
3. Net weight gain (subtract line 1 from line 2) \_\_\_\_\_
4. Total days fed (weigh-in to final weighing) \_\_\_\_\_
5. Total pounds of hay \_\_\_\_\_, grain \_\_\_\_\_, and silage \_\_\_\_\_ fed \_\_\_\_\_
6. Pounds of feed per pound of gain (divide line 6 by line 3) \_\_\_\_\_
7. Total feed cost (include pasture cost) \_\_\_\_\_
8. Feed cost per pound of gain (divide line 7 by line 3) \_\_\_\_\_
9. Cost of animals at start of project \_\_\_\_\_
10. Miscellaneous costs \_\_\_\_\_
11. Total cost (add lines 7, 9, and 10) \_\_\_\_\_
12. Selling price of animal(s) \_\_\_\_\_
13. Profit or loss (subtract line 11 from line 12) \_\_\_\_\_
14. Carcass data: Yield \_\_\_\_\_, Grade \_\_\_\_\_

\*Date of field day or weigh-in and final weigh-in

\_\_\_\_\_ x \_\_\_\_\_

## GRAIN OR PREPARED RATIONS

Ration No. 1				Ration No. 2			
Fed (date) _____ to _____				Fed (date) _____ to _____			
Kind of grain or other concentrate	Lbs.	Price per pound	Cost	Kind of grain or other concentrate	Lbs.	Price per pound	Cost
(If prepared feed, indicate content)				(If prepared feed, indicate content)			
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
Total _____				Total _____			

\*Total cost ÷ total pounds

## Feed Record

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

## Monthly Weight and Cost Record

Date	Weight	Gain	Cost	Cost per lb. gained	Days fed	Average daily gain per head
Total						

Feed cost per pound gained = Feed cost ÷ pounds gained  
 Average daily gain = Gain ÷ days fed ÷ number of animals



Extension Service, Oregon State University, O. E. Smith, director. Produced and distributed in furtherance of the Acts of Congress of May 8 and June 30, 1914. Extension work is a cooperative program of Oregon State University, the U.S. Department of Agriculture, and Oregon counties. Extension invites participation in its programs and offers them equally to all people.