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) or pen of animals: ___________________________

Kind (beef, dairy cattle, dairy 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

<table>
<thead>
<tr>
<th>Weight</th>
<th>Date</th>
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<tbody>
<tr>
<td>Ending</td>
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<tr>
<td>Beginning</td>
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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 (from back of this sheet) + Lb gained = Feed efficiency __________________________

(lb of feed/lb gained)

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

Cost of feed (from back of this sheet) + Lb gained = Cost of feed/lb gained __________________________

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

Kinds of feed—(Ration No. 1, rolled barley, alfalfa hay, etc.)

<table>
<thead>
<tr>
<th>Month</th>
<th>lb</th>
<th>cost</th>
<th>lb</th>
<th>cost</th>
<th>lb</th>
<th>cost</th>
<th>Pasture</th>
<th>Total cost of feed</th>
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</table>

**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)