**4-H ANIMAL PROJECT FEED EFFICIENCY RECORD**

Project Member’s Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Club\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Type of Animal: Beef Feeder Calf Sheep Hog Market Goat (Circle One)

Date Animal Purchased\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2 Weight when sold \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ pounds

1 Weight at purchase \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ pounds

(subtract)

3 Total weight gained \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ pounds

**FEED RECORD AND COSTS**

(Keep daily records on 4-H calendar)

Item Pounds Cost

Feed Used

Total Alfalfa hay used \_\_\_\_\_\_ $\_\_\_\_\_\_\_

Total grain concentrate \_\_\_\_\_\_ \_\_\_\_\_\_\_

Total other feed (salt, etc.) \_\_\_\_\_\_ \_\_\_\_\_\_\_

4 Total all feed used (a) \_\_\_\_\_\_ (b) \_\_\_\_\_\_\_

\_\_\_\_\_\_ \_\_\_\_\_\_\_

Other Costs

Cost of animal $\_\_\_\_\_\_\_\_

Insurance \_\_\_\_\_\_\_\_

Medication \_\_\_\_\_\_\_\_

Miscellaneous \_\_\_\_\_\_\_\_

5 Total all other costs $\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_

6 Grand total all costs (add 4b and 5) **$\_\_\_\_\_\_\_\_**

Cont. on back….

7 Feed Conversion

Total feed used (4a) \_\_\_\_\_\_\_\_\_\_\_ divided by Total weight gained (3)\_\_\_\_\_\_\_\_\_\_\_\_\_\_

= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (7) pounds of feed used to produce one pound of gain

8 Feed Conversion Cost

Total feed cost (4b) \_\_\_\_\_\_\_\_\_\_\_\_ divided by Total weight gained (3) \_\_\_\_\_\_\_\_\_\_\_\_\_

= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (8) cost to produce one pound of gain

9 Break Even Cost

Grand total all costs (6) $\_\_\_\_\_\_\_\_\_\_\_\_\_ Divided by Weight when sold (2)\_\_\_\_\_\_\_\_\_\_\_

= $\_\_\_\_\_\_\_\_\_\_\_\_ (9) Cost needed to break even (cents/pounds)

**SUMMARY**

Feed Conversion (7) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ lbs. of feed/lb. of gain

Feed Conversion cost/lb. (8) $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Break even cost/lb. (9) $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10 Daily Feed Gain

Date purchased \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date of fair weigh in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Total weight gained (3) \_\_\_\_\_\_\_\_\_\_\_\_\_\_ divided by Total days animal fed \_\_\_\_\_\_\_\_\_\_\_

(count number of days) = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ average daily gain (pounds)