**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)