

Rate of Gain Examples

Average Daily Gain (ADG)

March 14 to August 10, 2009 = 150 (number of days on feed)
Ending Weight (8/10/09) – Beginning Weight (3/14/09) ÷ Number of Days on Feed = **ADG**

Cost of Gain (COG)

The cost of pounds gained from March 14 to August 10

Number of bags fed x cost per bag = Cost of Grain

Number of bales fed x cost per bale = Cost of Roughage

Cost of Grain + Cost of Roughage = Total Cost of Feed

Ending Weight (8/10/09) – Beginning Weight (3/14/09) = Pounds Gained

Total Cost of Feed ÷ Pounds Gained = **COG**

Percent Dry Matter

This is the percentage of the total feed that is dry matter.

Ending weight of feed sample ÷ Beginning weight of feed sample x 100 = **Percent Dry Matter**

Dry Matter Conversion

This is the amount of feed it took for the animal to gain 1 pound.

Pounds of Feed x Percent Dry Matter ÷ 100 = **Dry Matter Fed**

Dry Matter Fed ÷ Pounds Gained = **Dry Matter Conversion**