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 weigh 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