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Feed Analysis Report

Representative:



Sample #	MANURE		
Lab #	29902	Sampled on	5/14/2010
		Received on	5/14/2010
Feeder	-		

Moisture 81.97% **Dry Matter** 18.03%

Analyte Description	Dry Matter Basis
Fecal Starch (%DM)	9.59%
Apparent Total Tract Starch Digestibility as % of Total Starch*	84.28%

Low	Medium	High	V High
80%	90%	95%	98%

Fecal starch content (% DM) correlates with total tract digestibility. The higher the fecal starch, the lower the total tract digestibility. Beef feed lots target a goal of 3% or less mean fecal starch for a group of feed lot steers.

Fecal starch cannot be evaluated from individual animals, but mean values for a group can be informative. Fecal starch should be less than 4.5% at a total tract digestibility of 90%. If fecal starch can be reduced a 1% unit, for example a decrease from 10% to 9%, milk production could increase .72 lbs, if dry matter intake remained constant. (Ferguson).

* Total Tract Starch Digestibility equation provided by Dr. Jim Ferguson, University of Pennsylvania.