



# TMR-D Analysis Request Form

Please send (1) TMR sample (approx. 1lb.) and (1) fecal sample at the same time.

See sampling instructions below.

**TMR-D Analysis includes: *in vivo* OM, NDF, Starch, CP, and Fat Digestibility Measures (using 120 hour iNDF marker), Wet Chemistry TMR Analysis (DM, OM (100-Ash), NDF, Starch, Fat, and CP), and Fecal Analysis**

**Producer Name:**

**Representative Name:**

**Address:**

**Date:**

**Bill To:**

**Sample ID:**

**Dry Matter Intake:**

**lbs. per day**

## High-Producing Cow Pen:

### **TMR Sampling Instructions:**

1. Take a minimum of 5 sub-samples spread out through the entire length of the feed bunk. Use a hand scoop technique to avoid losing fines. (Each sub-sample = 1 handful).
2. Composite all sub-samples; thoroughly mix in a pail
3. Use a mixing and quartering technique on a smooth surface to get a sample that is approximately 1 pound.

### **Manure Sampling Instructions:**

1. Take a minimum of 10 sub-samples from high cow manure piles. Sample from representative piles (loose, medium, and firm; each ½ cup in size). Avoid contamination of sand, bedding, straw, etc.
2. Thoroughly blend all sub-samples in a clean pail and fill sample jar 2/3 full. Please do not use glass jars.
3. Seal with duct tape and send to lab. **DO NOT FREEZE!** Only refrigerate if sample will not be sent to lab immediately.

**Visit [www.rockriverlab.com](http://www.rockriverlab.com) for a video demonstration of these sampling techniques.**