

# Feed Sampling Checklist

This page is provided as a sampling reminder and feed analysis record. Do not use it to substitute for the appropriate lab analysis request forms supplied by the testing laboratory. Use this reference to track your samples and as a worksheet for transferring the collected information to the laboratory request sheet.

**Laboratory Information** – Refer to the lab of choice for charges. (Costs will vary with lab, type of tests and combination of tests requested.)

Name of Lab \_\_\_\_\_ Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

**Type of feed** (example: 50 percent alfalfa: 50 percent brome) \_\_\_\_\_

**Analysis requested** (check those requested)

\_\_\_\_\_ **Wet Chemistry**

- moisture (dry matter)
- fat
- pH
- crude protein
- soluble protein
- degradable protein
- crude fiber
- ADF (acid detergent fiber)
- NDF (neutral detergent fiber)
- ash

**Minerals**

- aluminum (Al)
- calcium (Ca)
- cobalt (Co)
- copper (Cu)
- iron (Fe)
- magnesium (Mg)
- manganese (Mn)
- molybdenum (Md)
- phosphorus (P)
- potassium (K)
- selenium (Se)
- sodium (Na)
- sulfur (S)
- zinc (Z)

\_\_\_\_\_ **NIRS (near-infrared spectroscopy)**

- moisture
- protein (dry matter)
- available crude protein
- ADF (acid detergent fiber)
- NDF (neutral detergent fiber)
- calcium (Ca)
- magnesium (Mg)
- phosphorus (P)
- potassium (K)

Calculations requested (from wet lab or NIRS above):  NEL (net energy for lactation)  RFV (relative feed value)

Others (not included above, example: vitamins, toxicology) \_\_\_\_\_

**Background information:** You are encouraged to record the following information for your reference. The lab may not require it, but oftentimes, additional information can be useful to evaluate your request.

Acres being samples (example: 50 acres field peas and oats) \_\_\_\_\_

Livestock to be fed (example: yearling Holstein heifers, dry cows) \_\_\_\_\_

Description of feed \_\_\_\_\_

Date harvested \_\_\_\_/\_\_\_\_/\_\_\_\_ Date sampled \_\_\_\_/\_\_\_\_/\_\_\_\_ Date sent \_\_\_\_/\_\_\_\_/\_\_\_\_

Weather conditions at harvest \_\_\_\_\_

How will this feed be used? \_\_\_\_\_