

# FEED ANALYSIS REQUEST FORM

Parkland Laboratories 6715 Beaufort Road, Chilliwack, BC V2R 2C5  
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**Applicable to Forage, Silage, Greenfeed, Hay, TMRs, Grains, etc.**

**Name:** \_\_\_\_\_  
**Address:** \_\_\_\_\_  
**Post Code:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**Telephone:** \_\_\_\_\_ **Fax:** \_\_\_\_\_ **Email:** \_\_\_\_\_

**Sample Description:** \_\_\_\_\_  
**Feed Package # Requested (see below):** \_\_\_\_\_  
**Additional Analyses (if any):** \_\_\_\_\_

<b>Feed Package (FP) #'s and Descriptions</b>	<b>Prices Effective August 1, 2016 and Do Not Include GST</b>
	<b>Please include payment with sample(s); cheque payable to Parkland Labs</b>
FP 1: moisture and protein	\$30.00
FP 2: FP1 plus Acid Detergent Fibre (ADF), Neutral Detergent Fibre (NDF), TDN and Energy Estimates (DE, NEI, NEm, NEg), RFV and DMI.* See Note 1 below.	\$48.00
FP 3: FP 2 plus macro minerals: Ca, P, K, Mg, Na and Na salts. See Note 2 below.	\$64.00
FP 4: FP 3 plus Trace Minerals: Fe, Mn, Zn, and Cu, plus ADIP, Available Protein, Soluble Protein, Insoluble Protein, Available Insoluble Protein	\$88.00
<b>Mixer Efficiency Determination</b> (Coefficient of Variation) 10 samples of either calcium, phosphorus, potassium, magnesium or sodium chloride (salt)	\$200.00

**Additional Analysis:** with any of the above packages: silage pH (\$5), nitrate (\$19). **Not part of package, add \$10.00.**  
Oil Content by Ether Extraction (\$52.00), Toxic Mold (\$70.00), Vomitoxin in grain (\$45.00).

\*TDN= Total Digestible Nutrients; DE= Digestible Energy; NEI= Net Energy of lactation, NEm= Net Energy of maintenance, NEg= Net Energy of gain, RFV= Relative Feed Value, DMI= Dry Matter Intake, ADIP= Acid Detergent Insoluble Protein, Ca= calcium, P= phosphorus, K= potassium, Mg= magnesium, Na= sodium, Fe= iron, Mn= manganese, Zn= zinc, Cu= copper

Note 1: energy units expressed in metric (Mcal/Kg)  
Note 2: all mineral analysis conducted by wet chemistry.

**Turn-Around-Time:**  
Approximately 3 to 7 Working Days

### Sampling and Sample Size

If you do not have a sampling probe, hand sampling will suffice. Just satisfy yourself that the sample is sufficiently representative of whatever it is that you are sampling e.g. silage pit, bales, swath graze, bin, etc. Ideal sample size is one pint (500cc) or a 7" x 8" ziploc bag. Too small a sample may compromise the representativeness of the sample. Too large a sample will require sub-sampling which introduces error.

Note 3: whole plants or long plant/stem pieces necessitating size reduction by manually cutting with scizzors in order for sample to fit through grinder may result in a \$5.00 surcharge.

**Comments or Special Instructions (if any):** \_\_\_\_\_