

# FEED ANALYSIS REQUEST FORM

Parkland Laboratories 6715 Beaufort Road, Chilliwack, BC V2R 2C5  
Tel: 604-819-4488 Fax: 604-847-8156 Email: walter@parklandlabs.com

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): \_\_\_\_\_

Feed Package (FP) #'s and Descriptions	Prices Effective August 1, 2016 and Do Not Include GST Please include payment with sample(s); cheque payable to Parkland Labs
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): \_\_\_\_\_

# SEED and GRAIN ANALYSIS REQUEST FORM

Parkland Laboratories 6715 Beaufort Road, Chilliwack, BC V2R 2C5  
 Tel: 604-819-4488 Fax: 604-847-8156 Email: walter@parklandlabs.com

Applicable to Crop Kinds in Grade Tables 1 to V11 and XV to XX\*

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

Sample Description: \_\_\_\_\_

Analyses Requested (see below): \_\_\_\_\_

## GERMINATION, VIGOR and FUSARIUM gram.

Prices Effective August 1, 2016 and Do Not Include GST

Please include payment with sample(s); cheque payable to Parkland Labs

Packages	Cereals and Oilseeds	Peas & other Pulses	Vegetables*
Germination + Vigor + Fusarium	\$70.00	\$74.00	n/a
Germination + Fusarium	\$55.00	\$55.00	n/a
Germination + Vigor	\$55.00	\$57.00	n/a
<b>Individual Tests</b>			
Germination	\$23.00	\$25.00	Inquire
Vigor	\$38.00	\$40.00	Inquire
Fusarium graminearum	\$40.00	\$40.00	n/a

<b>PURITY</b> (Pedigreed Seed, Crop Kinds Tables 1 to V11)	\$50.00	\$50.00	Inquire*
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## DISEASES

Fusarium Speciation	\$70.00
Fusarium graminearum (straw and hay)	\$60.00
Blackleg in Canola Screen Test (Virulence Test if Necessary Additional \$40.00)	\$40.00
Vomitoxin	\$45.00
Loose Smut (barley)	\$59.00
Pulse Fungal Screen Package (Ascochyta, Anthracnose, Botrylis, Sclerotinia)	\$95.00
Each disease separately in above fungal package	\$40.00
Cereal Fungal Screen Package	Inquire

## OTHER

APHIS Federal Noxious Weed Search and Issuance of PPQ925 Form	\$50.00
Interval Monitoring and Documentation	\$60.00
Soil or Sand Germination, Treated Seed Purity (each additional)	\$15.00
Seed Viability (TZ; Tetrazolium Chloride, 200 seeds)	\$55.00
1000 Kernel Weight	\$12.00
Bushel Weight	\$7.00
Weed Check (all crop kinds)	\$40.00
Variety Confirmation (DNA)	Inquire
Moisture (Oven Method)	\$15.00
Moisture and Protein	\$30.00
Hagberg Falling Number (sprouting damage)	\$40.00
Malting Barley Germination (Energy: 3-Day, 4ml; Potential: 5-Day, 4ml)	\$28.00
Malting Barley Germination and Water Sensitivity (3-Day, 4ml and 8ml)	\$38.00

\*Until further notice, testing of vegetables i.e. Crop Kinds in Tables XV to XX done on non-accredited basis.

**Sample Size for Germination and/or Vigor: Cereals and Pulses 250 grams (mug); Oilseeds 50 grams; Vegetables: Inquire**  
**Sample Size for Purity: Cereals and Pulses - 1100 grams; Oilseeds 200 grams; Vegetables: Inquire**