



FEED

For lab use only

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Samples received without payment or prior credit arrangement will not be processed.

Please make cheque payable to SGS Canada Inc, or contact the laboratory with credit card information.

Please contact the laboratory for pricing information.

Reported By: Email () Web () Fax () Mail ()

Date Sampled: _____

Include the forage type, cut and mix in the sample description.
 For example: 3rd cut legume haylage

Additional Test Package information and descriptions are located on the back of this form.

Sample #	Sample Description	Basic Packages					Dairy Packages										Other Pkgs			Options / Toxins																
		Type I	Type II	Type III	Type IV	Type V	Excel Basic	Excel Plus	NCPS	NW-40	NW-41	CPM	NIR 20	NIR 40	Milk 2006	NW TMR	NIR TMR	NW Grain	NIR Grain	Equine Complete	Swine ME	Poultry ME	Salt	Ash	Crude Fibre	Crude Fat	Starch	Nitrates	ADF	NDF	Water Soluble Carbohydrate	Vomitoxin	Zearalenone	Aflatoxin T-2		

Sample Retention: Perishable samples 2 weeks/Non-perishable samples 3 months. Extended retention times must be advised and may be subject to additional costs. This document is issued by the Company under its General Conditions of Service accessible at <https://www.sgs.com/en/terms-and-conditions>. (Printed copies are available upon request.) Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Feed and Forage Packages

Type I Moisture, crude protein	CPM (fermented and non-fermented forages) By NIR: CP, SP, ADF-CP, NDF-CP, ADF, NDF, NDFom, lignin, fat, ash, starch, 24, 30, 48, 120 and 240hr NDF digestibility, 24, 30, 48, 120 and 240hr NDFd om, 7hr SCH digestibility (corn silage), ESC, pH (fermented), NH ₃ -N (fermented), lactic acid and acetic acid (fermented) By Wet Chemistry: DM, Ca, P, K, Mg, Na, Cl, S, Cu, Mn, Zn Calculations: Amm-CP (as % SP - fermented), UIP, SP/ADP/NDP as % CP, NFC, DCAB Index, RFV and RFD (hay/haylage), digestibility rate, ADF and OARDC energy calculations (TDN, NEL, NEG, NEM)
Type II Moisture, crude protein, calcium, phosphorus, Ca/P ratio, potassium, magnesium, sodium	NW Grain (HMC/CCM/Grain Corn) By NIR: CP, ADF, NDF, ADP (HMC/CCM), starch, fat, ash (HMC/CCM), 7hr SCH digestibility (HMC) By Wet Chemistry: DM, Ca, P, K, Mg, Na Calculations: NFC, ADP as %CP, ADF and OARDC Energy calculations (TDN, NEL, NEG, NEM)
Type III Type II plus copper, zinc, manganese, iron	NIR Grain NW Grain with all results by NIR except DM
Type IV Type II plus acid detergent fibre Calculations: ADF energy calculations (TDN, NEL, NEG, NEM)	NIR TMR NW TMR with all results by NIR. Na, Cu, Fe, Mn and Zn not included
Type V Moisture, crude protein, calcium, phosphorus, Ca/P ratio, sodium	NIR 20 NW40 with all results by NIR except DM
NCPS (by wet chemistry) DM, CP, SP, ADF-CP, NDF-CP, ADF, NDF, lignin, fat, ash, starch, Ca, P, K, Mg, Na Calculations: Amm-CP as % SP (fermented), NFC, UIP, RFV (hay/haylage), ADF and/or OARDC energy calculations (TDN, NEL, NEG, NEM) where applicable	NIR 40 CPM with all results by NIR except DM. DCAB index, Na, Cu, Fe, Mn and Zn not included.
Excel Basic DM, CP, ADF, NDF, Ca, P, K, Mg, Na, Cu, Fe, Mn, Zn Calculations: RFV, NFC, ADF energy calculations (TDN, NEL, NEG, NEM)	Milk 2006 (Corn Silage and Alfalfa only) All results by NIR except DM CP, ADF-CP, NDF-CP, ADF, NDF, lignin, starch, fat, ash, 48hr NDFd, Ca, P, K, Mg Calculations: NFC, Milk per ton, ADF and/or OARDC energy calculations (TDN, NEL, NEG, NEM)
Excel Plus Excel Basic plus SP and UIP	Rapid Scissor Cuts All results by NIR except DM CP, ADF, NDF, RFV (calculated) Quick turnaround results to evaluate forage stand quality
NW40 By NIR: CP, SP, ADF-CP, NDF-CP, ADF, NDF, lignin, fat, ash, starch, NH ₃ -N (fermented) By Wet Chemistry: DM, Ca, P, K, Mg, Na Calculations: Amm-CP (as % SP - fermented), Digestible Protein (DP), SP/ADP as % CP, NFC, UIP, RFV (hay/haylage), ADF and OARDC energy calculations (TDN, NEL, NEG, NEM)	Equine Complete NW41 plus ESC and WSC Calculations: SP/ADP/NDP as % CP, TDN and DE for horses
NW41 NW40 plus Cu, Zn and Mn by wet chemistry	Swine ME Type II plus fat, ash, crude fibre, metabolizable energy (ME)
NW TMR By NIR: CP, SP, ADF-CP, NDF-CP, ADF, NDF, lignin, starch, fat, ash By Wet Chemistry: DM, Ca, P, K, Mg, Na, Cu, Fe, Mn, Zn Calculations: SP/UJP as %CP, ADF and OARDC energy calculations (TDN, NEL, NEG, NEM)	Poultry ME Type II plus fat, starch, simple sugars, metabolizable energy (ME)