

Dairy One Forage Lab

Domestic Sample Information Sheet

Remit to: Dairy One Forage Lab
 730 Warren Road, Ithaca, NY 14850
 Ph: 800-344-2697 • Fax: 607-257-1350
 email: forage@dairyone.com

An analysis is only as good as the sample submitted. For sampling instructions, policies and more information, visit our web site at www.dairyone.com

All prices (USD) are per sample. Prices and services are subject to change without notice. See reverse for complete package descriptions.

Important - Sample Handling Fee (See reverse)

NIR - check boxes (✓)

FORAGES

- (321) Forage NIR Prime \$24** – includes one NDFD time point (24, 30 (default), or 48hr - check (✓) box), VFAs on silages and starch digestibility on corn silage). Each additional NDFD time point is \$4.00.
- (327) Forage NIR Pro \$27** – for use with CNCPS 6.5 biology including aNDFom plus uNDFom and NDFDom at 30, 120 and 240 hrs.
- (325) Forage NIR \$18**

GRAINS/BYPRODUCTS

- (322) Grain NIR \$18** – available for corn, barley, oats, wheat, triticale, distillers and brewers grains.
- (326) Commodity NIR \$17** – available for beet pulp, canola meal, canola seed, cottonseed meal, corn gluten feed, corn gluten meal, corn germ meal, grain screenings, hominy, wheat midds, soybeans, roasted soybeans, soybean meal, heat treated soybean meal, and soy hulls.

TOTAL MIXED RATIONS

- (323) TMR NIR \$18**

NIR Add-ons

- (329) Wet Chemistry Minerals \$10** – substitute/add wet chemistry Ca, P, Mg, K, Na, Fe, Zn, Cu, Mn, Mo to any of the above NIR packages.
- (331) DCAD \$20** – (329) + sulfur + chloride for DCAD calculation.
- (179) % Grass \$5** – determines percentage of grass in mixed hay, hayage or fresh forages.

Send me labels: Quantities

- UPS Ground _____
 UPS 2-Day _____
 UPS Next Day _____
- Send Me:**
- Single Sample Mailer _____
 Multiple Sample Mailer _____
 Water Kits _____
 Manure Kits _____

All prices (USD) are per sample. Prices and services are subject to change without notice.

04/16/18

Please bill account (check one) - if not an established account holder, complete credit card information at the bottom of the form or send check.

Party to Bill Account# _____ Copy Account# _____ Fax Nos. or E-mail addresses for copies ^{1, 2}

(1) _____
 (2) _____
 (3) _____

Name _____ Name _____
 Street _____ Street _____
 City _____ City _____
 State _____ Zip _____ State _____ Zip _____
 County _____ County _____

1) First Fax FREE; \$1.00/additional faxes.
 2) by checking this box you are authorizing Dairy One and its email provider, Constant Contact, to send you future electronic communications including analytical results, newsletters and service announcements. You may unsubscribe at any time by emailing us at foragelab-news@dairyone.com or clicking the SAFE UNSUBSCRIBE link located at the bottom of all Constant Contact email communications.

Report energies in: English, Mcal/lb (default) Metric, Mcal/kg Metric, MJ/kg

Description	Identify Samples, e.g. MML Haylage 1st Cut or Corn Silage Big Bunk *only 1 sample/box please*								Indicate additional services or wet chemistry packages here	Date Received: _____ Initials: _____		
	NIR Pro	NIR Prime	NDFD24	NDFD30	NDFD48	Forage NIR	Grain NIR	Commodity NIR		TMR NIR	Other Services	KC

WET CHEMISTRY	(207) Fermentation Profile \$25	(225) Corn Silage Processing Score \$19	(611) Mold & Yeast Counts \$25	(413) CALIBRATE® only \$35
(09) Basic \$22	(125) Total Fatty Acids \$49	(226) Grain Particle Size \$19	(612) Salmonella \$30	(414) CALIBRATE® add-on \$25
(10) Basic plus Minerals \$31	(314) Animal Byproducts \$42	(181) Fecal Starch, NIR: Cattle only \$12	(613) E. Coli \$35	CALIBRATE® Contract Holders Complete info. below to receive free services
(11) Ration Balancer \$36	(19) Liquids \$38	(182) Fecal Starch, Wet Chem: all species \$19	(443) Mycotoxin Panel \$69	(415) CALIBRATE® only: Free
(311) Ration Balancer Plus \$54	(12) Mineral Ingredients/Mix \$29			(416) CALIBRATE® add-on: Free
(315) Model Profile \$79	(16) Custom Package \$7			
(13) Guarantee Analysis \$29	(17) Sample Handling Fee \$15			

Shipping: I use my own carrier Dairy One Single Sample Mailer \$4.00 UPS Label - Ground \$6.50 UPS Label - Next Day \$25.50
 Dairy One Multiple Sample Mailer \$10.00 UPS Label - 2nd Day \$18.50

Check no. _____ Complete the following if paying by Credit Card: VISA MasterCard American Express

Card No. _____ Signature: _____
 Expiration Date: _____ CSV: _____ Total Cost: \$ _____

CALIBRATE® Contract Holder: Customer Name: _____

Herd Name: _____ CALIBRATE® No. _____

LAB USE ONLY

NIR Packages

- (321) **Forage NIR Prime \$24** – DM, CP, SP, RDP, ADICP, NDICP, est. lysine & methionine, ADF, aNDF, lignin, starch, WSC, ESC (simple sugars), NFC, fat, TFA, Rfufal, ash, RFV, RFQ (with 48hr NDFD), MILK2006 values, TDN, NEI, NEm, NEg, ME, DE, Ca, P, Mg, K, S, Cl. Select either NDFD 24hr, 30hr, or 48hr. Silages receive lactic acid, acetic acid, and ammonia CPE. Corn silages receive starch digestibility (7hr, 4mm grind).
- (327) **Forage NIR Pro \$27** – DM, CP, SP, RDP, ADICP, NDICP, est. lysine & methionine, ADF, aNDFom, lignin, starch, WSC, ESC (simple sugars), NFC, fat, TFA, C18:1, C18:2, C18:3, Rfufal, ash, TDN, NEI, NEm, NEg, ME, DE, Ca, P, Mg, K, S, Cl. Includes uNDFom and NDFDom values at 30, 120 & 240hrs for use with CNCPS 6.5 biology. Silages receive lactic acid, acetic acid, and ammonia CPE. Corn silages receive starch digestibility (7hr, 4mm grind).
- (325) **Forage NIR \$18** - DM, CP, SP, RDP, ADICP, NDICP, est. lysine & methionine, ADF, aNDF, lignin, starch, WSC, ESC (simple sugars), NFC, fat, ash, RFV, TDN, NEI, NEm, NEg, ME, DE, Ca, P, Mg, K, S, Cl.
- (322) **Grain NIR \$18** – DM, CP, SP, RDP, ADICP, NDICP, est. lysine & methionine, ADF, aNDF, lignin, starch, NFC, fat, ash, TDN, NEI, NEm, NEg, ME, DE, Ca, P, Mg, K, S. Available for corn, barley, oats, wheat, triticale, distillers, and brewers grains. Corn grains received starch digestibility (7hr, 4mm grind).
- (326) **Commodity NIR \$17** – DM, CP, SP, ADF, aNDF, NFC, fat, ash, TDN, NEI, NEm, NEg, ME, DE, Ca, P, Mg, K, S. Available for beet pulp, canola meal, canola seed, cottonseed meal, corn gluten feed, corn gluten meal, corn germ meal, grain screenings, hominy, wheat midds, soybeans, roasted soybeans, soybean meal, heat treated soybean meal, and soy hulls.
- (323) **TMR NIR \$18** - DM, CP, SP, ADF, aNDF, lignin, starch, NFC, fat, ash, TDN, NEI, NEm, NEg.
- (329) **Wet chemistry minerals \$10** – substitute/add wet chemistry Ca, P, Mg, K, Na, Fe, Zn, Cu, Mn, Mo to any of the above NIR packages. Not available as a stand alone service or add-on to wet chem. packages.
- (331) **DCAD \$20** – (329) + sulfur + chloride for DCAD calculation.

Wet Chemistry Packages

- (09) **Basic \$22** – DM, CP, ADF, aNDF, NFC, RFV, TDN, NEI, NEm, NEg, ME, DE.
- (10) **Basic plus Minerals \$31** - DM, CP, ADF, aNDF, NFC, RFV, TDN, NEI, NEm, NEg, ME, DE, Ca, P, Mg, K, Na, Fe, Zn, Cu, Mn, Mo.
- (11) **Ration Balancer \$36** - DM, CP, SP, ADF, aNDF, NFC, RFV, TDN, NEI, NEm, NEg, ME, DE, Ca, P, Mg, K, Na, Fe, Zn, Cu, Mn, Mo, S.
- (311) **Ration Balancer Plus \$54** - DM, CP, SP, ADF, aNDF, lignin, fat, ash, NFC, RFV, TDN, NEI, NEm, NEg, ME, DE, Ca, P, Mg, K, Na, Fe, Zn, Cu, Mn, Mo, S.
- (315) **Model Profile \$79** - DM, CP, SP, ADICP, NDICP, ADF, aNDFom, lignin, fat, ash, starch, ESC, NFC, RFV, TDN, NEI, NEm, NEg, ME, DE, Ca, P, Mg, K, Na, Fe, Zn, Cu, Mn, Mo, S, Cl.
- (13) **Guarantee Analysis \$29** – Dry Matter, Crude Protein, Crude Fiber, Crude Fat (ether extract) and Ash.

Specialty Packages

- (16) **Custom Package** – this allows you to design a package that best meets your needs. A custom package is assembled by combining services listed under “Additional Services”. The cost of this service includes a \$7.00 base fee plus the cost of the individual items selected. For example, if you want CP (\$6), NDF (\$6), Ca and P (2 minerals, \$10), the cost of the package is \$29. No base fee is required when you select a standard package and add supplemental services to it. For example, if you select #11Ration Balancer (\$36) plus Fat (\$9), the total cost is \$45.
- (207) **Fermentation Profile \$25** - for evaluating silage quality - lactic, acetic, lactic/acetic ratio, propionic, butyric, iso-butyric, VFA score, total acids, pH, crude protein, crude protein equivalent from ammonia, and ammonia N as a percentage of total N. Goal, typical and graphical results are displayed to aid in interpretation.
- (314) **Animal Byproducts \$42** – must be used for all products of animal tissue origin. Any animal product requesting any other package will automatically be assigned this service and charged accordingly. DM, CP, SP, fat, ash, TDN, NEI, NEm, NEg, ME, DE, Ca, P, Mg, K, Na, Fe, Zn, Cu, Mn, Mo, S.
- (19) **Liquids \$38** - must be used for all liquid products (whey, molasses, etc). Any liquid requesting any other package will automatically be assigned this service and charged accordingly. DM, CP, fat, ash, est. carbs., TDN, NEI, NEm, NEg, ME, DE, Ca, P, Mg, K, Na, Fe, Zn, Cu, Mn, Mo, S.
- (125) **Total Fatty Acids \$49** - fatty acid profile including 14 individual fatty acids plus saturated, MUFA, PUFA, and RUFAL values.
- (12) **Mineral Ingredient or Mixture \$29** - must be used for all mineral products. Any mineral requesting any other package will automatically be assigned this service and charged accordingly. DM, Ca, P, Mg, K, Na, Fe, Zn, Cu, Mn, Mo, S, Co, Cl.
- (413-416) **CALIBRATE® Services** - (see Wet Chemistry for pricing) specialized starch and fiber digestibility analyses designed for use in the CALIBRATE® ration program.
- (17) **Sample Handling fee \$15** – your typical 1 quart sample bag + sample should weigh as follows: hay, 100g (3.5oz); haylage, 300g (11oz); corn silage, 450g (16oz); ground grain/grain byproducts, 450g (16oz); TMR, 400g (14oz). Any samples exceeding these sizes may be assessed the handling fee at our discretion and without notice. This also applies to other atypical samples. Visit our website for more information on sampling or call prior to submitting your samples.

Additional Services or Custom Package Components		Minerals	Prices	Mycotoxin Panel \$69.00
20	Total Nitrogen	41 Calcium (Ca)	1 mineral	• Aflatoxin B1, B2, G1, G2
21	Crude Protein	42 Phosphorus (P)	2 minerals	• Vomitoxin • 3-acetyl DON
22	ADF	43 Magnesium (Mg)	3 minerals or more	• 15-acetyl DON • Zearalenone
23	NDF	44 Potassium (K)		• T2
123	aNDFom	45 Sodium (Na)	59 Sulfur (S)	
24	Soluble Protein	46 Iron (Fe)	66 Chloride (Cl)	
25	Fat	47 Zinc (Zn)	203 Cobalt (Co)	
26	Ash	48 Copper (Cu)	232 Chromium (Cr)*	
28	Lignin	49 Manganese (Mn)	105 Selenium (Se)	
129	Crude Fiber	50 Molybdenum (Mo)	450 Gross Energy	
30	ADICP		* Excludes Chromium Oxide	
31	NDICP			
32	Degradable Protein			
34	Starch			
254	WSC			
154	ESC (simple sugars)			
229	Carbon			
161	Nitrates			
64	Urea			
65	Ammonia			
67	pH			
		NDFDom Packages	NDFD analyses	
		(585) Forage NDFDom \$77.00	525 NDFD 24hr \$24.00	
		- aNDFom, uNDFom and NDFDom at 30,120 & 240 hr	531 NDFD 30hr \$24.00	
		(586) Non Forage NDFDom \$77.00	549 NDFD 48hr \$24.00	
		- aNDFom, uNDFom and NDFDom at 12, 72 & 120 hr		
				PCR Testing (only available for dry alfalfa hay) (141) Non-GMO \$50.00 (142) Verticillium Wilt \$50.00 (143) Non-GMO and Verticillium Wilt \$85.00
				* All pricing (USD) is per sample. Pricing is subject to change without notice.
				Domestic 04/16/18