

# 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](http://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.

08/31/16

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 <sup>1, 2</sup>

(1) \_\_\_\_\_

(2) \_\_\_\_\_

(3) \_\_\_\_\_

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](mailto:foragelab-news@dairyone.com) or clicking the SAFE UNSUBSCRIBE link located at the bottom of all Constant Contact email communications.

Name \_\_\_\_\_ Name \_\_\_\_\_

Street \_\_\_\_\_ Street \_\_\_\_\_

City \_\_\_\_\_ City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

County \_\_\_\_\_ County \_\_\_\_\_

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: _____		
	NIR Pro	NIR Prime	NDFD24	NDFD30	NDFD48	Forage NIR	Grain NIR	Commodity NIR		TMR NIR	Other Services	KC

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

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

If paying by check

Card No. \_\_\_\_\_ Signature: \_\_\_\_\_

Expiration Date: \_\_\_\_\_ CSV: \_\_\_\_\_ Total Cost: \$ \_\_\_\_\_

**CALIBRATE® Contract Holder: Customer Name:** \_\_\_\_\_ **CALIBRATE® No.** \_\_\_\_\_

**Herd Name:** \_\_\_\_\_

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, RUFAL, 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, RUFAL, 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. For more information, visit [www.calibratetechnologies.com](http://www.calibratetechnologies.com)
- (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

20	Total Nitrogen	\$6.00
21	Crude Protein	\$6.00
22	ADF	\$6.00
23	NDF	\$6.00
123	aNDFom	\$9.00
24	Soluble Protein	\$7.00
25	Fat	\$9.00
26	Ash	\$5.00
28	Lignin	\$9.00
129	Crude Fiber	\$8.00
30	ADICP	\$6.00
31	NDICP	\$6.00
32	Degradable Protein	\$12.00
34	Starch	\$11.00
254	WSC	\$7.00
154	ESC (simple sugars)	\$10.00
229	Carbon	\$10.00
161	Nitrates	\$9.00
64	Urea	\$10.00
65	Ammonia	\$8.00
67	pH	\$5.00

### Minerals

41	Calcium (Ca)	1 mineral	\$7.00
42	Phosphorus (P)	2 minerals	\$10.00
43	Magnesium (Mg)	3 minerals or more	\$15.00
44	Potassium (K)		
45	Sodium (Na)	59 Sulfur (S)	\$5.00
46	Iron (Fe)	66 Chloride (Cl)	\$8.00
47	Zinc (Zn)	203 Cobalt (Co)	\$5.00
48	Copper (Cu)	232 Chromium (Cr)*	\$5.00
49	Manganese (Mn)	105 Selenium (Se)	\$35.00
50	Molybdenum (Mo)	450 Gross Energy	\$55.00

\* Excludes Chromium Oxide

### NDFDom Packages

585	Forage NDFDom	\$77.00 - aNDFom, uNDFom and NDFDom at 30,120 & 240 hr
586	Non Forage NDFDom	\$77.00 - aNDFom, uNDFom and NDFDom at 12, 72 & 120 hr

### NDFD analyses

525	NDFD 24hr	\$24.00
531	NDFD 30hr	\$24.00
549	NDFD 48hr	\$24.00

\* All pricing (USD) is per sample. Pricing is subject to change without notice.