

Dairy One Forage Lab
Domestic Sample Information Sheet

Remit to: Dairy One Forage Lab
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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 (✓)

(321) Forage NIR Prime \$23.50 - 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 \$25 - for use with CNCPS 6.5 biology including aNDFom plus uNDFom and NDFDom at 30, 120 and 240 hrs.

(325) Forage NIR \$18

(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.

(323) TMR NIR \$18

(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.

WET CHEMISTRY

- (09) Basic \$22
(10) Basic plus Minerals \$31
(11) Ration Balancer \$36
(311) Ration Balancer Plus \$54
(315) Model Profile \$79
(13) Guarantee Analysis \$29

Specialty Services - see reverse

- (16) Custom Package \$7
(207) Fermentation Profile \$25
(314) Animal ByProducts \$42
(19) Liquids \$38 - (whey, molasses, juices, etc).
(12) Mineral Ingredient/mix \$29
(17) Sample Handling Fee \$15

Table with 2 columns: Send me labels, Quantities. Rows for UPS Ground, UPS 2-Day, UPS Next Day.

Send Me (Quant.): Single Sample Mailer

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

Form section for account information, reporting preferences, and fax/email addresses. Includes checkboxes for Party to Bill, Copy Account#, and various reporting options.

Main analysis table with columns for sample identification, various NIR tests (Pro, Prime, D24, D30, D48, Forage, Grain, Commodity, TMR), additional services, and lab use only section.

Shipping section with checkboxes for carrier (own vs Dairy One), mailer type (single vs multiple), and UPS service options (Label - Ground, 2nd Day, Next Day).

Credit card payment section with fields for card number, signature, expiration date, CSV, total cost, and check number.

NIR Packages

- (321) **Forage NIR Prime \$23.50** – DM, CP, SP, RDP, ADICP, NDICP, est. lysine & methionine, ADF, NDF, lignin, starch, WSC, ESC (simple sugars), NFC, fat, 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 \$25** – DM, CP, SP, RDP, ADICP, NDICP, est. lysine & methionine, ADF, aNDFom, lignin, starch, WSC, ESC (simple sugars), NFC, fat, 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, NDF, 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, NDF, 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, NDF, 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, NDF, 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, NDF, NFC, RFV, TDN, NEI, NEm, NEg, ME, DE.
- (10) **Basic plus Minerals \$31** – DM, CP, ADF, NDF, 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, NDF, 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, NDF, 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.
- (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.
- (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

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
29	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
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)	105 Selenium (Se)	\$35.00
49	Manganese (Mn)	450 Gross Energy	\$55.00
50	Molybdenum (Mo)		

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.

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03/26/15