

INTERNATIONAL

Dairy One Forage Lab Sample Information Sheet

For sampling instructions and more information, visit our web site at www.dairyone.com

Remit to: Dairy One Forage Lab
730 Warren Road • Ithaca, NY 14850
Ph: 800.344.2697 • Fax: 607.257.6808 • email: forage@dairyone.com

Lab Use - Date Rec'd

1. Please provide the following information.

Please bill account: Farm Agribusiness1 Tech No. or Agribusiness2

Account# _____	Account# _____	Account# _____
Name _____	Name _____	Name _____
Street _____	Street _____	Street _____
City _____	City _____	City _____
State _____ Zip _____	State _____ Zip _____	State _____ Zip _____
County _____	County _____	County _____
Fax / e-mail _____	Fax / e-mail _____	Fax / e-mail _____

A check, credit card or valid account number must accompany all samples for prompt processing.

Total Cost: \$ _____ Check no. _____ Card No. _____
If paying by check

Check one if paying by Credit Card

VISA MasterCard American Express

Expiration Date: _____ Enter 3-digit verification code: _____
(from reverse side of card)

Signature: _____

2. Herd Averages: Breed _____ Body wt., lbs _____ Fat test, % _____ True protein, % _____

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

4. Report format: Standard (default) CNCPS CPM Dalex AAMPS NRC

NIR Packages \$23.00 – check appropriate boxes and add supplemental services as desired. Use 24, 30 and 48 boxes only for optional NIR NDFD values. If wet chemistry NDFD desired, write in supplemental box indicating time period.

Wet Chemistry packages – use reverse side.

Hay crops – designate as legume, MML, MMG or grass. Corn silage – indicate if ammonia or urea treated.

Description	F	G	T	M	24	30	48	Supplemental	KC	Lab

(F-321) Forage NIR – DM, CP, SP, RDP, ADICP, NDICP, est. lysine and methionine, ADF, NDF, lignin, starch, WSC, ESC, (simple sugars), NSC, NFC, fat, ash, RFV, RFQ + Milk2000 Values (w/48hr NDFD), TDN, NEI, NEm, NEg, ME, DE, Ca, P, Mg, K, S, Cl. Silages also receive lactic acid, acetic acid, ammonia CPE, and VFA Score. Optional – select either NDFD 24hr, 30hr or 48hr free of charge. Each additional NDFD time point at \$4.00.

(G-322) Grain NIR – 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 (dry, high moisture, or wet): shelled corn, ear corn, barley, oats, triticale, wheat, distillers and brewers grains.

(T-323) TMR NIR – DM, CP, SP, ADF, NDF, lignin, starch, NFC, fat, ash, TDN, NEI, NEm, NEg.

(M-329) Wet Chemistry Minerals \$10.00 – substitute/add wet chemistry Ca, P, Mg, K, Na, Fe, Zn, Cu, Mn, Mo to any of the above.

Supplemental Wet Chemistry Services: (161) Nitrates \$6 (64) Urea \$5 (65) Ammonia \$5 (66) Chloride \$8 (67) pH \$3 (29) Crude fiber \$5
(207) Fermentation Profile \$13.00 – Lactic, acetic, propionic, butyric, iso-butyric acids, lactic/acetic ratio, total acids, pH, crude protein, ammonia.

Wet Chemistry NDFD 24, 30, or 48 hours: \$13.00/per time point

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Wet Chemistry Packages Report format: Standard (default) CNCPS CPM Dalex AAMP NRC

Description	Services	KC	Lab

- (09) **Basic \$25.00** – DM, CP, ADF, NDF, unavailable protein (ADICP on haylages and distillers grains only), NFC, RFV, TDN, NEI, NEm, NEg, ME, DE.
- (10) **Basic plus Minerals \$35.00** – DM, CP, ADF, NDF, unavailable protein (ADICP included on haylages and distillers grains only), NFC, RFV, TDN, NEI, NEm, NEg, ME, DE, Ca, P, Mg, K, Na, Fe, Zn, Cu, Mn, and Mo.
- (11) **Ration Balancer \$41.00** – DM, CP, ADF, NDF, unavailable protein (ADICP included on haylages and distillers grains only), NFC, RFV, TDN, NEI, NEm, NEg, ME, DE, Ca, P, Mg, K, Na, Fe, Zn, Cu, Mn, Mo plus sulfur and soluble protein.
- (311) **Ration Balancer Plus \$56.00** – DM, CP, SP, unavailable protein (ADICP included on haylages and distillers grains only), ADF, NDF, Lignin, Fat, Ash, NFC, RFV, TDN, NEI, NEm, NEg, ME, DE, Ca, P, Mg, K, Na, Fe, Zn, Cu, Mn, Mo and S.
- (12) **Mineral Ingredient or Mixture \$35.00** – DM, Crude Protein, Ca, P, Mg, K, Na, Fe, Zn, Cu, Mn, Mo, Co, S, Cl. This package must be used for all mineral mixtures and individual mineral ingredients.
- (13) **Guarantee Analysis \$28.00** – DM, CP, Crude Fiber, and Crude Fat (ether extract), Ash.
- (315) **Model Profile \$84.00** – provides nutrients required by the most common models. Select the appropriate model and the results are printed in sequence required for data entry. The *standard* option is the default when no other option is selected. DM, CP, SP, ADICP, NDICP, ADF, NDF, Lignin, fat, ash, starch, sugar, NFC, NSC, RFV, TDN, NEI, NEm, NEg, ME, DE, Ca, P, Mg, K, Na, Fe, Zn, Cu, Mn, Mo, S, Cl.
- (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 **\$13.00** base fee plus the cost of the individual items selected. For example, if you want CP (\$4), NDF (\$4), Ca and P (2 minerals, \$8), the cost of the package is \$22. No base fee is required when you select a standard package and add supplemental services to it. For example, if you select #11 Ration Balancer (\$34) plus Fat (\$9), the total cost is \$43.
- (207) **Fermentation Profile \$13.00** – 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 graphic results are displayed to aid in interpretation.
- In vitro digestibilities (IVTD)** – select 24, 30, or 48 hr time point(s). \$13/per time point. NDFD determined when IVTD is combined with one of the above packages or when NDF (\$4) is added to the IVTD analysis.

Additional Services or Custom Package Components	Minerals	Prices
21 Crude Protein \$4.00	41 Calcium (Ca)	1 mineral \$5.00
22 ADF \$4.00	42 Phosphorus (P)	2 minerals \$8.00
23 NDF \$4.00	43 Magnesium (Mg)	3 minerals or more \$12.00
24 Soluble Protein \$5.00	44 Potassium (K)	
25 Fat \$9.00	45 Sodium (Na)	59 Sulfur (S) \$3.00
26 Ash \$3.00	46 Iron (Fe)	66 Chloride (Cl) \$8.00
28 Lignin \$7.00	47 Zinc (Zn)	203 Cobalt (Co) \$5.00
29 Crude Fiber \$5.00	48 Copper (Cu)	
30 ADICP \$5.00	49 Manganese (Mn)	
31 NDICP \$5.00	50 Molybdenum (Mo)	
32 Degradable Protein \$7.00		
34 Starch \$9.00		
254 WSC \$5.00		
154 ESC (simple sugars) \$7.00		
161 Nitrates \$8.00		
64 Urea \$5.00		
65 Ammonia \$5.00		
67 pH \$3.00		