

ANALYSIS REQUEST

R J Hill Laboratories Limited
 28 Duke Street Frankton 3204
 Private Bag 3205
 Hamilton 3240 New Zealand

0508 HILL LAB (44 555 22)
 +64 7 858 2000
 mail@hill-labs.co.nz
 www.hill-labs.co.nz

Client

Name _____

Address _____

Postcode _____

Email _____

Phone _____ Fax _____

Client Reference _____

Additional Client Ref _____

Quote No _____ Order No _____

Date Sampled _____

Charge To Client Submitter (Company)
 Other _____

Primary Contact

Submitter (if different) _____

Company _____

Address _____

Email _____

Results To

Reports will be emailed to Primary Contact by default.
 Additional Reports will be sent as specified below.

Email Primary Contact Email Client Email Submitter
 Email Other _____
 Other _____

PASTURE, HAY OR FORAGE CROPS (Includes Chopped Maize)

Profiles are outlined below, and on the reverse of this sheet.

Please indicate your requested tests with a ✓

Sample Identification	Crop Grown / Variety	Feed Profile	Feed + Majors Profile	Extended Pasture Feed Profile	Dry Matter, CP + ME	Dry Matter Only	Mixed Pasture Profile	Chloride	Nitrate-N	Iodine	Other	Lab#
		Feed	FeedMaj	ExtFed	DMME	DM	MPast	Cl	NO3	I		

Animal Dietary Mineral Balance Details (ADMB)	Animal Species	Liveweight	Calving Date	Daily Intake	Other

Forage Profiles: **Feed** (Dry Matter, Crude Protein, Crude Fat, Ash, Soluble Sugars, Starch, ADF, NDF, Lignin, Metabolisable Energy, Digestibility), **FeedMaj** (Feed profile plus Phosphorus, Sulphur, Calcium, Magnesium, Potassium, Sodium, Chloride), **ExtFed** (Feed profile plus major & trace elements incl Cl), **DMME** (Dry Matter, Crude Protein, Digestibility, Metabolisable Energy), **DM** (Dry matter only), **Mixed Pasture** (Basic Plant, Molybdenum, Cobalt, Selenium + Chloride + Crude Protein + ME)

FEEDSTUFFS (Silage, Baleage, Meals)

Profiles are outlined below, and on the reverse of this sheet.

Please indicate your requested tests with a ✓

Sample Identification	Description	Sample Source e.g. paddock, trucks, stack, bales	Weeks in stack/bales (silage/baleage only)	Silage Profile (Fermented)	Extended Silage Profile (fermented)	Silage + Volatile Fatty Acid Profile (Fermented)	Dry Matter, CP + ME	Dry Matter Only	Compound Feed CpdFeed		Other e.g. Crude Fat, Starch, Cl	Lab#
				Silage	ExtSil	SilageVFA	DMME	DM	NIR	Wet Chem		

Feedstuff Profiles: **Silage/Baleage** **Silage** (pH, Dry Matter, Crude Protein, Crude Fat, Ash, Soluble Sugars, Starch, ADF, NDF, Lignin, Metabolisable Energy, Digestibility, Lactic Acid, Ammonium N/Total N), **ExtSil** (Silage profile plus major & trace elements incl Cl), **SilageVFA** (Silage profile plus Acetic, Butyric, Propionic and Formic Acids), **DMME** (Dry Matter, Crude Protein, Digestibility, Metabolisable Energy), **DM** (Dry matter only)
Meals **DMME** (Dry Matter, Crude Protein, Digestibility, Metabolisable Energy), **DM** (Dry matter only), **CpdFeed** (Dry Matter, Crude Protein, Crude Fat, Ash, Soluble Sugars, Starch, ADF, NDF, Lignin, Metabolisable Energy, Digestibility) - select between NIR analysis OR Wet Chemistry only (Price Impact).

ADDITIONAL INSTRUCTIONS

NB. Please advise laboratory if hazardous substances possibly present in samples.

Total Number of Samples Sent **NOTE:** If more than one courier bag being sent for one farm, please indicate eg. 1 of 2, 2 of 2 etc on outside of courier bag so that all samples are reported in one job.

Please supply more of:

(specify quantities required)

Qty: Request Forms KB 6364 Plant/Feed Bags (indiv)
 Qty: Feed DIY sampling kits Soil Bags (indiv)
 Qty: Courier Bags:
 NZ Courier Courier Post
 Qty: Other _____

SAMPLING INSTRUCTIONS

Interpretation of test data depends on the sample being taken (sampled) in the recommended manner. These notes will help to ensure that this is done. More detailed guides for specific crops are available on our website under **Crop Guides**. Please advise laboratory if hazardous substances possibly present in/on samples

Feed:

1. Collect forage or silage sample representative of the feed source.
 2. Take approximately **500g-1kg** and place in Feed sample bag, seal and identify clearly with permanent marker pen.
 3. Carefully check that you have filled in the request form, then promptly despatch to the laboratory. Send samples to laboratory as soon as possible after collection, or keep chilled overnight if necessary.
- Feed quality tests will be analysed using NIRS technology with automatic test notation if statistical prediction outliers exist. Reference method (wet chemistry) tests are available upon request.

TEST SELECTIONS

See Crop Guides on website
www.hill-laboratories.com

Note: Soil and Plant testing will incur a sample preparation fee if the basic test is not requested.

Pasture/Forage (500g minimum required)

Profile Name [Profile Code]	Tests Reported
Feed Profile [Feed]	Dry Matter, Crude Protein, Acid Detergent Fibre (ADF), Neutral Detergent Fibre (NDF), Lignin, Soluble Sugars, Starch, Ash, Crude Fat, Digestibility (DOMD) and Metabolisable Energy (ME)
Feed + Majors Profile [FeedMaj]	Feed + Phosphorus, Sulphur, Calcium, Magnesium, Potassium, Sodium and Chloride
Extended Feed Profile [ExtFed]	Feed + Mixed Pasture Profile
Dry Matter, CP + ME [DMME]	Dry Matter, Crude Protein and Metabolisable Energy (ME)
Mixed Pasture Profile [MPast]	Nitrogen, Phosphorus, Sulphur, Potassium, Calcium, Magnesium, Sodium, Iron, Manganese, Copper, Zinc, Boron, Molybdenum, Cobalt, Selenium, Chloride, Crude Protein and Metabolisable Energy (ME)
Additional tests	e.g. Nitrate-N, Iodine, DCAD, Soluble Sugars, Starch, Crude Protein, Lignin

Silages (1kg minimum required)

Profile Name [Profile Code]	Tests Reported
Silage Profile (fermented forage only) [Silage]	Dry Matter, Crude Protein, Soluble Sugars, Starch, Ash, Acid Detergent Fibre (ADF), Neutral Detergent Fibre (NDF), Lignin, Crude Fat, Digestibility (DOMD), Metabolisable Energy (ME), pH and Ammonium N (as % Total N) and Lactic Acid
Extended Silage Profile (fermented forage only) [ExtSil]	Silage Profile + Nitrogen, Phosphorus, Sulphur, Potassium, Calcium, Magnesium, Sodium, Chloride, Iron, Manganese, Copper, Zinc, Boron, Molybdenum, Cobalt, Selenium
Silage + Volatile Fatty Acid Profile [SilageVFA]	Silage Profile + Acetic, Butyric, Propionic and Formic Acids
Dry Matter, CP + ME [DMME]	Dry Matter, Crude Protein and Metabolisable Energy (ME)

Other Tests (500g minimum required)

Profile Name [Profile Code]	Tests Reported
Dry Matter only [DM]	All Feeds
Compound Feed Profile – Grains & Concentrates e.g pellets, meals, grain, some food wastes. May not be available on all feedstuffs. Specifically excludes PKE, Copra and liquid samples. [CpdFeed]	Dry Matter, Crude Protein, Ash, ADF, NDF, Soluble Sugars, Starch, Crude Fat, DOMD, ME. Wet Chemistry testing for Compound Feeds can be requested instead of NIR, at an additional cost. Please contact the laboratory to confirm suitability of tests for sample type.
Additional tests	Starch, Crude Fat, Chloride, Lignin