



SERVICES OFFERED

PASTURE AND FEEDSTUFF TEST OPTIONS

Basic Plant Profile (BP)

All nutrient profiles/tests for pastures/greenfeeds are built based on the Basic Plant Profile.

- Nitrogen (N), Phosphorus (P), Potassium (K), Sulphur (S), Calcium (Ca), Magnesium (Mg), Sodium (Na), Iron (Fe), Manganese (Mn), Zinc (Zn), Copper (Cu), Boron (B)

Mixed Pasture Profile (MPast)

This profile provides a comprehensive analysis of the mineral content of the pasture and includes chloride, crude protein and ME. The profile reports nutrient indices to help assess the risk of metabolic disorders – e.g. Dietary Cation Anion Difference (DCAD).

Request the Animal Dietary Mineral Balance (ADMB) report, and get an additional animal only assessment, free of charge.

- Basic Plant Profile + Molybdenum (Mo), Cobalt (Co), Selenium (Se), Chloride plus Crude Protein and ME

Complete Pasture Profile (CPP)

Submit two bags of herbage and request the CPP to get both mixed pasture and clover-only tests. Metabolisable Energy (ME) and Crude Protein (CP) results are supplied at no additional charge. Again, request the free ADMB report to get additional animal only information.

- Mixed pasture portion
 - Mixed Pasture Profile
- Clover only portion
 - Basic Plant Profile + Mo

Feed Profile (Feed)

- Dry Matter (DM%), Crude Protein (CP), Crude Fat (CFat), Ash, Acid Detergent Fibre (ADF), Neutral Detergent Fibre (NDF), Lignin (Lig), Soluble Sugars (SolSug), Starch, Metabolisable Energy (ME), Digestibility (DOMD)

Feed plus Majors profile (FeedMaj)

- Dry Matter (DM%), Crude Protein (CP), Crude Fat (CFat), Ash, Acid Detergent Fibre (ADF), Neutral Detergent Fibre (NDF), Lignin (Lig), Soluble Sugars (SolSug), Starch, Metabolisable Energy (ME), Digestibility (DOMD) plus Phosphorus (P), Sulphur (S), Calcium (Ca), Magnesium (Mg), Potassium (K), Sodium (Na), Chloride (Cl) and DCAD

Extended Feed Profile (ExtFed)

- Basic Plant, Mo, Co, Se and Cl [incl DCAD]
- **plus** Feed Profile

SILAGE TEST OPTIONS

Please note, Silage samples have been ensiled for at least 2 weeks

Silage Profile (Silage)

- pH, DM%, Crude Protein, Ash, Soluble Sugars, Starch, ADF, NDF, Lignin, Crude Fat, ME, DOMD, Ammonium-N, Ammonium-N:Total N, Lactic Acid

Volatile Fatty Acids Profile (VFA)

This is a measure of fermentation characteristics and "keeping quality".

- Acetic Acid, Butyric Acid, Propionic Acid & Formic Acid

Silage + VFA Profile (SilageVFA)

- Silage Profile
- **plus** VFA Profile

Extended Silage Profile (ExtSil)

- Basic Plant Profile [Nitrogen (N), Phosphorus (P), Potassium (K), Sulphur (S), Calcium (Ca), Magnesium (Mg), Sodium (Na), Iron (Fe), Manganese (Mn), Zinc (Zn), Copper (Cu), Boron (B) plus Molybdenum (Mo), Cobalt (Co) and Selenium (Se)]
- **plus** Silage Profile

Extended Silage + VFA Profile (ExtSilVFA)

- Extended Silage Profile
- **plus** VFA Profile

Compound Feed Samples

Compound Feed Profile (CpdFeed)

(selected sample types only – please contact the laboratory) – NIRS and wet chemistry method options

- Dry Matter (DM%), Crude Protein (CP), Crude Fat (CFat), Ash, Acid Detergent Fibre (ADF), Neutral Detergent Fibre (NDF), Soluble Sugars (SolSug), Starch (Starch), Metabolisable Energy (ME), Digestibility (DOMD)

Additional Tests

- Iodine
- Nitrate-N
- Chloride

Contact Details

For further information about any of the above tests please contact an Agriculture Client Service Manager.