

FEEDTEST NIR Packages

NIR turnaround time - 3 working days

1 working day is available. A 50% surcharge applies

NIR Fodder & Cereal WSC Fodder Package

- Fresh pasture, dry pasture, silage, fresh silage (pre-ensiling), hay – pasture, grass, legume, cereal, straw & chaff
- Includes: DM, M, CP, ADF, NDF, DMD, ME (ruminant), Fat, Ash & WSC (optional)
- WSC can be analysed on any of these sample types (common for horses). If you require, select NIR Cereal WSC Fodder Package on the request form

NIR Maize Silage Package

- Fresh chopped maize (pre-ensiling) or maize silage
- Includes: DM, M, CP, ADF, NDF, DMD, ME, Fat, Ash, Sugar & Starch

NIR Cereal Grain Package

- Oats, wheat, barley, triticale
- Includes: DM, M, CP, ADF, NDF, DMD, ME, Fat, Ash, Sugar & Starch

NIR Pelleted Feed Package

- Pellets, feed mix, lupins, chickpeas, beans, peas, lentils, vetch, sorghum & maize
- Includes: DM, M, CP, ADF, NDF, DMD, ME, Fat & Ash

'Wet chemistry' or 'Non-NIR' Packages are available for all products where we do not carry a calibration. The TAT for these vary depending on tests. We also complete testing for other animals including horses, pigs, poultry, human and monogastrics (dogs/cats).

Contact **FEEDTEST** or view our **Pricing Summary** for more information.

FEEDTEST

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FODDER TESTING SPECIALISTS

When sending your sample/s, please include a completed sample request form. If paying by credit card or cheque, be sure to include this information. For new clients, payment is required before results can be released. Application for 30 day credit accounts may be approved upon request.



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FEEDTEST pride themselves on having an Australian developed and monitored NIR calibration to meet the protein, fibre & energy needs of livestock





FEEDTEST provide accurate and fast nutritional stockfeed and fodder analysis using the latest Near Infrared (NIR) technology.

FEEDTEST is easy to use. Request your free kit & simply place your sample in the reply paid satchel, include the completed sample request form with payment and post. For best results, refer to the sampling instructions on the back of the satchel.

The FEEDTEST service commonly includes analysis for the following parameters:

Dry Matter (DM) / Moisture (M)

DM is the percentage of the feed that is not water (moisture). Fresh grass has higher moisture content and lower DM content compared to hay. DM is important as all other feed parameters are expressed on a DM basis for comparison.

Crude Protein (CP)

CP is an estimate of the level of protein in the feed based on the amount of nitrogen present. The amount of true protein is composed of amino acids and non-protein nitrogen.

Acid Detergent Fibre (ADF)

Estimates the cellulose and lignin content of the feed and the proportion that is least digestible. The lower the ADF, the higher the DMD (and ME).

Neutral Detergent Fibre (NDF)

Estimates the hemicellulose, cellulose & lignin content of the feed (the % of total cell wall material). NDF will always be higher than ADF.

Dry Matter Digestibility (DMD)

An estimate of the percentage of dry matter actually digested by animals.

Dry Organic Matter Digestibility (DOMD)

An estimate of the percentage of organic matter in the dry matter of a feed that can be digested by animals.

Metabolisable Energy (ME)

The feed energy used by the animal, calculated from the DMD & DOMD. This is expressed as mega joules per kilogram of dry matter (MJ/kg DM).

Water Soluble Carbohydrates (WSC)

A measure of the total soluble sugar present in feed. These include ethanol soluble carbohydrates, glucose, sucrose, fructose, maltose, lactose and fructans.

Ash

Ash is a measure of the total mineral content of the feed, but it does not tell us how much of each mineral is present.

Fat

The amount of fat and fat-soluble components in a feed.

FREQUENTLY ASKED QUESTIONS

Do I need a kit to send in samples?

No. As long as you have downloaded the sample request and payment form to send in with your sample, you can post your own way.

How long does a FEEDTEST take?

NIR analysis - 3 working days

For additional wet chemistry testing or samples that cannot be measured by NIR, contact FEEDTEST for a turnaround time and price. This is usually between 5-10 working days.

Can I get my NIR results faster?

Yes. 1 day TAT with a 50% surcharge.

I would like to add a test. Do you still have my sample?

We keep a dry ground sub sample of your initial sample for up to 12 months. Contact FEEDTEST to see if we still have your sample and if we can complete your additional test request.

When is the best time to send my silage or fresh pasture sample?

For best results, silages, fresh pastures and/or high moisture samples should be sent, ideally, at the beginning of the week. You can take your sample anytime. Just place in your resealable bag in the fridge or freezer and leave until you are going to the post office. We also recommend express post.

Can I get my sample to FEEDTEST faster?

Yes. FEEDTEST covers the cost of regular post. You can upgrade the postage to express by paying a few extra dollars at the post office.



Note: Turnaround time is taken from the time the sample is received in the FEEDTEST laboratory. No responsibility can be taken for mail delays.

FEEDTEST offer general advice on results. For more detailed advice, contact your local vet, nutritionist, agronomist or private consultant.

FEEDTEST NIR calibrations are continuously being monitored through ring tests and updated to ensure maximum possible accuracy and reliability.