

When it comes to Agricultural testing, we're ahead of the field

Comprehensive testing for agriculture

Good analysis gives farmers the confidence to make decisions on inputs which can save time and money. Eurofins offers a range of tests for the agricultural industry which include soils, organic materials such as compost, livestock manures, silages and feedstuffs.

Soil Analysis

Soil is the foundation of agricultural production. Regular soil analysis is vital to know not only the nutrient status but also whether your soils are in good condition. Eurofins offers an extensive range of soil analysis including:

- Routine next day turnaround on standard soils P, K, Mg and pH
- Extras such as texture, organic matters and a range of trace elements
- Mineral nitrogen testing
- Potential toxic elements in soil e.g. copper, lead, nickel, zinc

Silage & Feedstuffs analysis

To check the value of feeds Eurofins offers a range of tests on silage and feedstuffs including:

- Grass silage for livestock by NIR (FAA)
- Maize Silage by NIR (FAA)
- Whole crop silage for livestock by NIR (FAA)
- Minerals for feedstuffs

Plant tissue analysis

Eurofins offers analysis on plant tissue elements, so that you have a comprehensive breakdown of the elements contained in the plant which is a useful indicator of nutrient uptake.



Organic and Livestock Manure testing

Manures and slurries are valuable fertiliser replacement products as well as providing organic matter to improve soils. Knowing the nutrients they can provide means they can be used more carefully to maximise their value.

We can check the value of manures quickly, to set an accurate application rate for Good Agricultural Practice and Nitrate Vulnerable Zones.

Eurofins offers a range of analytical testing of manure and compost including:

- A New NIR rapid* and cost effective service for cattle, pig manures and biosolids
- Standard analysis of dirty water, slurries, manures, Anaerobic Digestate, and other imported organic manures
- Compost Testing : Quick tests or to full BSI PAS 100

Eurofins UK

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Range of Agricultural Testing Packages

Listed below are examples of Eurofins agricultural testing packages. If you are looking for other specific tests we do can design a package to meet your needs, so please contact us.

| Description | Parameters included | Minimum quantity | Eurofins Package Code |
|--|--|------------------|-----------------------|
| Standard Soil | pH, available P, K, Mg, lime requirement | 500g | PUD1A |
| Standard soil, plus hand texture and organic matter | pH, available P, K, Mg, lime requirement, hand texture, Loss on Ignition | 500g | PUD7V |
| Grass silage for livestock by NIR (FAA) | Dry Matter, Protein, Energy, Fermentation Characteristics | 500g | PUD1Q |
| Maize Silage by NIR (FAA) | Dry Matter, Protein, Energy, Fermentation Characteristics | 500g | PUD1R |
| Whole crop silage for livestock by NIR (FAA) | Dry Matter, Protein, Energy, Fermentation Characteristics | 500g | PUD1V |
| Minerals for feedstuffs | Ca, Mg, P, K, Na, Cu, Fe, Zn, Mn, S by ICP | 250g | PUD2Y |
| New NIR service for manures* | Dry Matter, Total N, P ₂ O ₅ , K ₂ O, MgO, SO ₃ , Ammonium-N | 1Kg | UD975 |
| Standard Manure Analysis (>approx.10% Dry Matter) | Dry Matter, Total N, Ammonium-N, P, K, Mg, Ca, S, pH | 1kg | PUDI |
| Standard Slurry Analysis (<approx. 10% Total Solids) | Total Solids, Total N, Ammonium-N, P, K, Mg, Ca, S, pH | 1 litre | PUDP |
| Plant Tissue Elements | N, P, K, Na, Ca, Mg, Mn, Fe, Cu, Zn, B, S, Dry Matter | 200g | PUD1W |

* The method is currently validated for cattle and pig manure and slurry over 5% solids but the method will be extended to cover other matrices.

We can do more.....

Our laboratories in the UK provide testing for pesticide residues, contaminants, mycotoxins, heavy metals analysis, microbiological testing and nutritional information. We are supported by an international network of Eurofins Competence Centres providing specialist analysis. Please contact us for further information.

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