



Eurofins On Farm Solutions

A lab in the palm of your hand

Efficient and optimised livestock feeding requires a thorough understanding of the nutritional value of forage. Eurofins On Farm Solutions provides real-time insight into forage quality, whether it's in the field, the silage clamp, or the feed trough. You can now benefit from Eurofins data, directly on the farm. Using mobile near infrared spectroscopy (NIR) you receive analyse results immediately. It's like having a lab in the palm of your hand!

Why test forage on farm?

- Provides real-time quality checks.
- Saves time: it enables faster decision making.
- Helps farmers and nutritionists to work together more closely.
- More monitoring allows for better management.

How does it work?

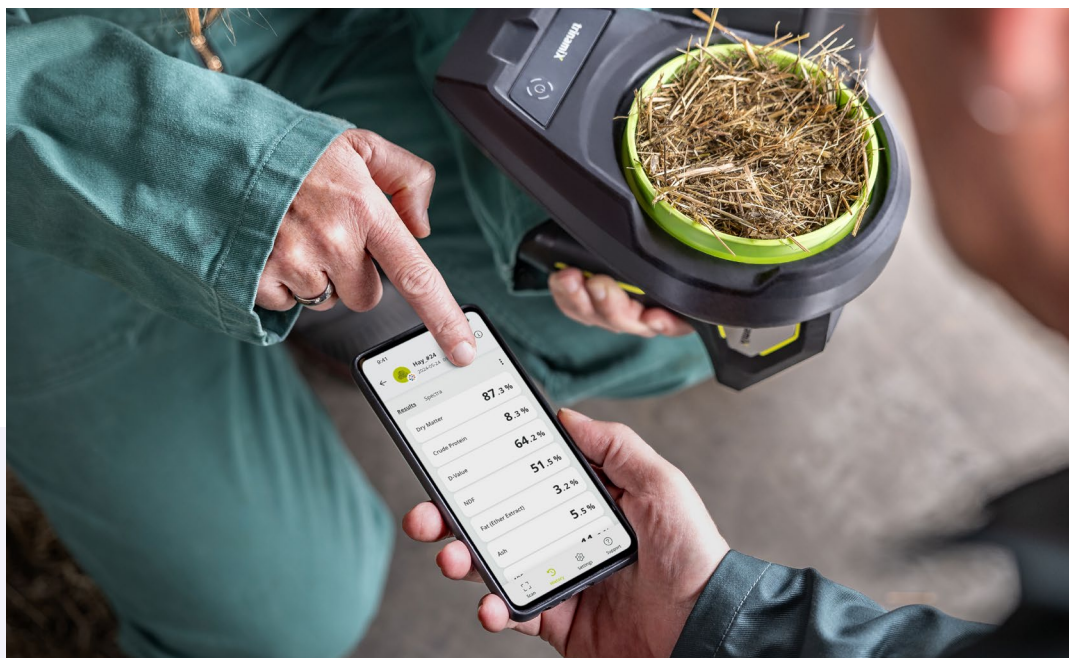
- You scan a forage sample with a handheld device.
- This records the NIR spectrum which is analysed in the cloud by the Eurofins Forage Analysis App.
- The nutritional results are immediately displayed on the handheld device and smartphone app.
- Results are stored in the customer portal for future reference.
- Reports can be downloaded from the web portal as .zip, .csv, .xls and bestmix.csv. files.

What are the benefits?

- Make better silage: analyse forage in the field to determine the best time to harvest.
- Improve animal health: regular monitoring allows you to quickly identify any deficiency or imbalance in the silage.
- Boost farm productivity: quickly spot changes in forage quality and adjust rations to avoid loss in milk yield or growth rate.
- Quickly troubleshoot problems: when you have a problem with animal health or productivity, you can quickly identify if forage is the cause, or if it is something else in the feeding system.
- Offer more professional value: Nutritionists and advisors can offer more insight and advice to their customers on farm.
- Reduce environmental impact: better silage, healthier animals and boosted productivity means your farming activities are more efficient.

Why Eurofins data?

Eurofins have the largest network of agricultural laboratories, and analyse many thousands of forage samples, from many countries. These samples have been used to create the largest international forage analysis database, and it is this that powers the Eurofins Forage Analysis App, which, when connected via the cloud, allows best-in-class analysis using the handheld NIR device.



PARAMETERS IN DEVELOPMENT:

Fresh corn / Corn silage / Corn cob mix	Grass (-clover) silage / bale	Fresh grass / hay
dry matter	dry matter	dry matter
crude ash	crude ash	crude ash
crude protein	crude protein	crude protein
crude fiber	crude fiber	crude fiber
crude fat	crude fat	crude fat
sugar	sugar	sugar
starch	NDF	NDF
NDF	ADF	ADF
ADF	ADL	ADL
ADL	OMD	OMD
OMD	pH	
pH	soluble protein	
soluble protein	ammonia	
ammonia	ELOS	
ELOS		



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