

# AGRI•NIR

Your own **lab on-the-go**



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## Your own lab on-the-go

### NIR Analyzer for forages, grains and slurry.

This cutting-edge device is designed to provide accurate and rapid on-site analysis of nutrients composition. AgriNIR portable analyzer leverages Near-Infrared (NIR) spectroscopy technology to deliver real-time data, enabling farmers, growers nutritionists, and researchers to make informed decisions regarding livestock feeding, harvesting and soil management.



### TRUSTWORTHY NIR CALIBRATIONS. GET BETTER RESULTS. SIMPLY.

- App based for an improved UX
- Automatic rotation of the samples
- Remote serviceability and calibration update
- 4G Modem integrated to exchange data with NIR trace and NIR evolution



Real-time  
monitoring of  
forage quality  
during harvesting  
and storage



Real-time analysis  
to ensure  
feed quality



The versatility of  
AgriNIR 4.0  
allows to be  
used in field but  
as well in lab

**HAY & SILAGE**

	Corn silage	Dry grass hay	High moisture corn	Dairy cows TMR
Moisture	●	●	●	●
Starch	●	×	●	●
Crude Protein	●	●	●	●
Fiber ADF	●	●	●	●
Fiber NDF	●	●	●	●
Ash	●	●	●	●
Crude Fat	●	●	●	●

**GREEN FORAGES**

	Green Maize	Green Grass	Green Alfalfa	Zero Grazing
Moisture	●	●	●	●
Starch	●	×	×	×
Crude Protein	●	●	●	●
Fiber ADF	●	●	●	●
Fiber NDF	●	●	●	●
Ash	●	●	●	●
Crude Fat	●	●	●	●

**GRAINS**

	Corn Grain	Wheat Grain	Barley Grain	Soybean Grain
Moisture	●	●	●	●
Starch	●	●	●	×
Crude Protein	●	●	●	●
Fiber ADF	×	×	×	●
Fiber NDF	●	●	●	●
Ash	●	●	●	●
Crude Fat	●	●	●	●

**SLURRY**

	Pig Slurry	Digestate	Pig&Cow Mix. Slurry
Moisture	●	●	●
N	●	●	●
P205	●	●	●
K20	●	●	●
NH4	●	●	●



silage



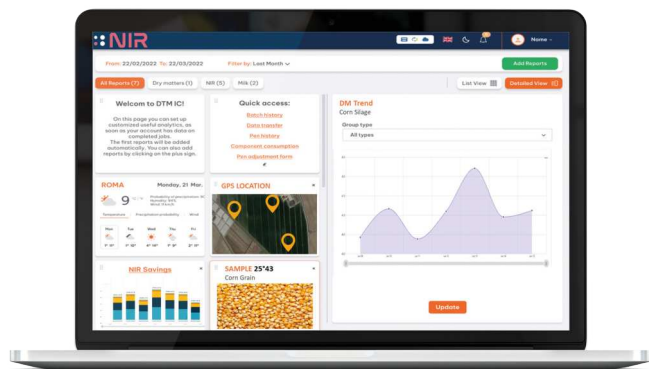
hays



grains



slurry - digestate



Keep under control changes in forage quality over time. **NIR Trace Cloud Software** allows recording, organizing and presenting NIR analysis data coming from portable analyzers.

with a single software in cloud,  
is possible to manage a  
network of analyzer



Connectivity



Traceability



Analysis history



Managing your NIR device with the NIR Evolution cloud software makes your work more efficient and proactive:

- Quick access to new calibrations update
- Reliable predictions
- Save time and money





# AGRI•NIR

## NIRReverse

NIRReverse is the one-stop solution to exploit the potential of NIR analyzers all year-round.

When the harvesting-spreading season ends, harness the power of your NIR sensor for monitoring feed quality on-the go. Take off the sensor from the machine, put it on the trolley case and gain outstanding feed management with superior flexibility.

Dinamica Generale introduced the concept of Reverse Engineering to the NIR sensor applied on agricultural machines.

