

AGRI•NIR

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



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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 serviciability 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



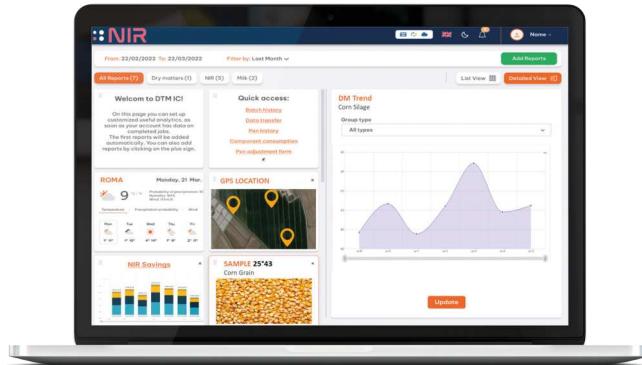
hays



grains



slurry - digestate



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



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.



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.

all over the year...

