

# EVONIR 4.0 BY DINAMICA GENERALE IS DLG CERTIFIED FOR DIGESTATE AND MIXED SLURRY

Poggio Rusco, 15/02/2022

After the certification obtained in February 2021 for **cow and pig slurry**, DLG has now certified EvoNIR 4.0 for **DIGESTATE and MIXED SLURRY**.



Considering the increase in prices of chemical fertilizers, slurry and digestate are more and more an important resource in the fertilization process. Contractors, Growers and farmers can now rely on EvoNIR 4.0 analyzer for smooth, reliable operations and precise applications of slurry according to pre-determined crop nutrient requirements and regulations.



With the aim of achieving a circular economy and a **sustainable agriculture**, livestock manure must be considered as a valuable nutrient to maximize the yield and reduce emissions. Thanks to real time NIR analysis and **VARIABLE RATE application systems** is now possible to easily define the target value of a specific fertilizer element and automatically control the flow to reach the target spread factor.

EvoNIR 4.0 can be used both in a stationary mode during slurry tanker's filling but also directly on board during the spreading in field.


	DRY MATTER	N Total	NH4-N	P205	K20
COW SLURRY	●	●	●	●	●
PIG SLURRY	●	●	●	●	●
MIXED SLURRY	●	●	●	●	●
DIGESTATE	●	●	●	●	●

Table 1: Calibration curves available for slurry and digestate.

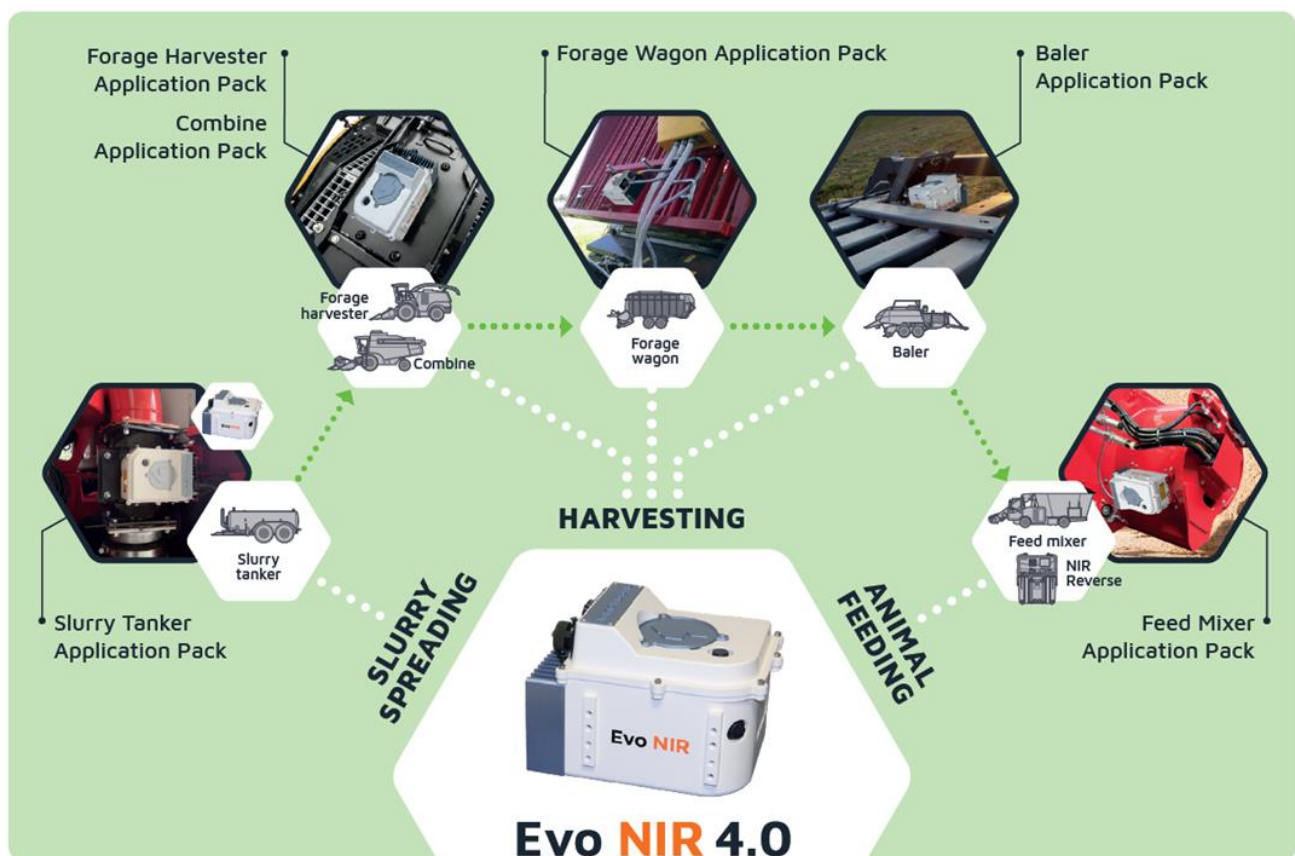


## **EVONIR 4.0 MORE TECHNOLOGY AND CONNECTIVITY**

Among main system improvements, EvoNIR 4.0 has with built-in predictive engine based on machine learning technology boosts **real-time predictions accuracy**. This also enables the analyzer to collect large amount of data for remote monitoring and serviceability; Dinamica Generale IoT platform can detect performance of every analyzer thus delivering **prompt alerts** to customers worldwide. These new improvements are aiming to make life easier to customers reducing manual operations through the **automatic transferring of application data and spectra**, as well as automatic updates of firmware and calibrations.

## **EvoNIR 4.0: MORE VERSATILE THAN EVER**

EvoNIR 4.0 allows contractors to get the most for their daily job and provide valuable data to their customers. **EvoNIR 4.0 is the most versatile NIR analyzer** as can be mounted on forage harvesters, combines, balers, forage wagons, slurry tankers, compactors, feed mixers and **portable** in a carrying case.



EvoNIR 4.0 is globally available for customers on every Dinamica Generale dealer as well as with all CASEIH, STEYR and New Holland dealer.

**DINAMICA GENERALE** is a leading global manufacturer of weighing systems, electronic sensors, customizable solutions and global leader in NIR technology. The company with headquarters in Italy was founded in 1990 and is now a respected name throughout the globe for quality, innovation and reliability.

### **DLG TEST REPORT**

DE:

<https://pruefberichte.dlg.org/filestorage/7235.pdf>

<https://pruefberichte.dlg.org/filestorage/7140.pdf>

<https://pruefberichte.dlg.org/filestorage/7139.pdf>

EN:

<https://www.dlg.org/en/>

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