

Salzkotten, April 20th 2016: Once again, the agricultural electronics manufacturer Müller-Elektronik is presenting further developments in the areas of sensor technology (in collaboration with Agricon), automatic steering systems, ISOBUS technology and parallel guidance management at the DLG Field Days in Haßfurt, Bavaria. All of these innovations have one thing in common: they are practice-oriented solutions that enable efficient operation and at the same time, precise control of the working procedures.

The app makes it possible: ME terminal becomes the standard terminal for the YARA N-Sensor

From now on, the YARA N-Sensor will be directly controlled by Müller-Elektronik terminals. At the DLG Field Days, Agricon and Müller-Elektronik are presenting their joint solution:

- YARA N-Sensor & ISOBUS: The operating software for the N-Sensor will now be displayed using the Agricon app on the ISOBUS terminals TOUCH800® and TOUCH1200® – it only has to be activated.
- Tidy tractor cab: An additional terminal for digital cropping applications with the YARA N-Sensor is no longer required.
- Existing terminals are N-Sensor-ready "overnight": All TOUCH800® and TOUCH1200® terminals that are already on the market can be updated to display the N-Sensor software.
- Agronomic expertise: Müller-Elektronik terminal customers are granted direct access to all available N-Sensor applications: N fertilization in cereals, rapeseed, potato, corn; growth regulators in cereals and rapeseed, fungicides in cereals and rapeseed, desiccation in potatoes.

DUAL-Antenna – Automatic steering at only 80 metres per hour

With the DUAL-Antenna solution, Müller-Elektronik is expanding its range of products and functions for the TRACK-Leader AUTO® automatic steering system with extremely slow forward or working speeds at an RTK precision level of up to ± 2 cm.

The DUAL-Antenna method, as already suggested by the name, works with two GNSS receivers mounted parallel on the implement. Müller-Elektronik offers a special bracket for mounting the receivers, which can be installed on conventional tractor cabs. Thanks to the second receiver, a working speed of 80 m per hour can now be achieved, which is required particularly in vegetables and special crops. The DUAL-Antenna solution is available for the hydraulic versions of TRACK-Leader AUTO® Pro and Iso.

Another new feature is the DUAL-SIM modem, which will now be available for all steering systems made by Müller-Elektronik. The new modem enables parallel use of a second SIM card from a different network provider. This improves the availability of the correction signal through the GSM modem.

ISOBUS-Task Controller with new functions

With the new ISOBUS-Task Controller, Müller-Elektronik is upgrading a proven function from the APP & GO® family with the processing of field information in shape file format. This function is perfectly complemented with the new MULTI-Control app.

Site-specific application of operating materials, using tracks on multiple systems or importing field boundaries from the field record – all of this field data can now be centrally and conveniently managed with the new ISOBUS-Task Controller, even without an FMIS in the background. Imported field data is assigned to the respective field and can be reused at any time. This results in a transparent structure with high operating comfort.

No matter if the field data is in ISO-XML or shape format – the ISOBUS TC app now supports both formats, regardless of the manufacturer, for fertilizer spreaders, seeders as well as field sprayers.

With this integration, the VARIABLE RATE-Control app (VRC) is no longer required. Existing VRC licenses do not become useless, rather they are automatically converted to an ISOBUS TC licence when the software is updated.

The MULTI-Control app is the perfect complement. This app allows the assignment of prescription maps to each part of the implement as required. Together with the included MULTI SECTION-Control, state-of-the-art precision farming is guaranteed.

TRAMLIN-Management - The assistant for automatic tramline control

Müller-Elektronik is expanding the TRACK-Leader parallel guidance app with the TRAMLIN-Management assistant.

TRAMLIN-Management displays the tramline rhythm selected by the driver on the TRACK-Leader screen. In cases where an asymmetrical rhythm is used, arrows indicate the direction to be driven for the corresponding tramlines.

In combination with the already existing HEADLAND-Management, it perfectly supports seeding operations and relieves the driver. Only the first seeding track is required as a basis. TRACK-Leader then displays all of the tracks.

When driving into the track, the seeder now automatically switches to the corresponding tramline rhythm. This allows the driver to work in pattern intervals, which eliminates the need for manoeuvring at the headlands to drive the next guidance line and reduces soil compaction.

Press Release: Innovations for the DLG Field Days 2016



Date: April 20th, 2016 City: Salzkotten Status: immediate release

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About the company

Since more than 30 years, the family-run company Müller-Elektronik with its head office in Salzkotten (East-Westphalia, Germany) has been a leader in agricultural electronics with ground-breaking innovations, becoming the pacesetter with regards to hardware and software. For this reason, ISOBUS terminals and ISOBUS job computers enjoy an excellent reputation in the agricultural sector. With personal commitment, innovative spirit, flexibility, focus on quality and an honest cost-benefit ratio, Müller-Elektronik develops award-winning solutions for OEM, retail and end customers.

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