

PRESS RELEASE

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Plant sensor integrated in fertiliser spreader - RAUCH and Fritzmeier cooperate

For the first time, Rauch Landmaschinenfabrik and Fritzmeier Umwelttechnik are offering fertiliser spreaders with plant sensors installed ex works.

The sensors of the ISARIA PRO Compact are mounted on the fertiliser spreader hopper with special brackets and ideal positioning already in production at RAUCH. The sensor electronics and cabling are laid cleanly and optimally sealed on the machine and also connected to the cable harness. Since most crop sensors are used exclusively with the fertiliser spreader, this concept is a logical conclusion. When in use, only the spreader is attached to the tractor, the ISOBUS plug is connected - ready! Changing the tractor is also completely uncomplicated. No additional mounting on the outside mirror or on the front hydraulics, no additional terminal or cables that still have to be laid.

RAUCH and Fritzmeier are opening new doors in smart farming with coordinated solutions. The ISARIA PRO Compact plant sensor is ideal for measuring the biomass index and N-supply index. The sensors located on the right and left of the spreader hopper record the plant population as it passes over the field, and the calculated target application rate is transmitted in real time to the fertiliser spreader, which immediately adjusts the application rate on a small scale to the nutritional requirements of the plants.

In times when fertilisation is becoming more and more limited, fertiliser prices are high and society's demands regarding environmental protection are increasing, the concept of an integrated plant sensor is another tool that enables forward-looking farms to operate sensibly and economically.

A family company, RAUCH was founded in 1921 and today is an internationally active manufacturer of agricultural and municipal services technology. The headquarters of the company are located in Rheinmünster near Baden-Baden. RAUCH develops and builds high-quality machines for fertiliser spreading and spreading technology for municipal winter services. In addition, RAUCH is an original equipment manufacturer of seed drill technology components. In the 2022 financial year, a turnover of 407 million euros was achieved with 407 employees. Around 73 percent of the products manufactured are exported.

Your contact:

Kristina Ernst – Head of Marketing

Phone: 0049 7229 8580 - 2243

E-mail: kernst@rauch.de