

Bayer streamlines precision farming operations with new advanced plug-and-play device

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Bayer unveiled FieldView Drive 2.0, a small plug-and-play device that farmers can use to connect, monitor and record activities across different farm equipment types and brands. An upgrade over the previous generation, FieldView Drive 2.0 provides more processing power, data storage, and in-field connection stability to improve how farmers connect with digital solutions and gather data during planting, spraying, and harvest activities.

FieldView Drive 2.0 from Bayer will begin shipping the new hardware first in the U.S. Starting early next year, Bayer will begin shipping the new hardware to other global regions. An upgrade from its predecessor that launched in 2016, FieldView Drive 2.0 adds equipment compatibility while continuing to work with all makes and models of equipment.

In addition to simplifying installation, FieldView Drive 2.0 also streamlines how seed prescriptions and other "scripts" transfer from FieldView directly to precision farming equipment. When factors like soil type and elevation cause some parts of a crop field to perform better than others, many farmers create management zones and assign different application rates for seed, fertilizer, and pesticides based on the needs of each zone. Then they use their precision equipment to execute those scripts across their fields.

These activities can optimize farm resources and reduce environmental impact, but executing them is often tedious and time consuming. Farmers and agronomic advisors typically create the script in an office, download the file to a thumb drive, and drive to the field where they can finally upload the script file to the equipment monitor. Now the script can be created anytime in FieldView and transferred directly to the equipment via the connected FieldView Drive 2.0 - no fumbling with thumb drives and no wasting time, energy and fuel just to deliver a prescription.

FieldView Drive 2.0 serves as a link between farm inputs, digital solutions, and precision equipment. Its prescription delivery feature supports global expansion of new crop systems like the Preceon Smart Corn System, which incorporates digital prescriptions and recommendations including seeding rate as part of the system.

"As we work to de-risk farming operations and deliver new profit opportunities to our farmer customers, FieldView Drive 2.0 is a foundational tool that will broaden our reach and deepen our impact," said Jeremy Williams, Head of Climate LLC, Digital Farming and Commercial Ecosystems for the Crop Science division of Bayer. "With its improved performance and simplified setup, more farmers will benefit from digital farming technology, and as tailored solutions like the Preceon Smart Corn System and outcome-based business models expand, more farmers will be able to send data-driven recommendations directly to their equipment with simplified prescription delivery through the device.