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News Release

Data management and data transfer

Climate FieldView™, CLAAS TELEMATICS offer easy data management to help simplify farming operations

Harsewinkel / Monheim, May 6, 2021 – Climate FieldView™, the flagship product of The Climate Corporation (Bayer's digital farming arm), and CLAAS TELEMATICS can now be connected through the CLAAS API (application programming interface) to enable easy data exchange for field-specific, site-specific documentation.

Reliable data is essential for precision farming. Successful fertiliser, crop protection and planting and sowing strategies depend upon access to accurate information about the previous years' yields and site-specific yield differences. To ensure this vital information is provided seamlessly, and at farmers' discretion, the FieldView platform and the CLAAS TELEMATICS portal can now be connected via the CLAAS API – offering access to new data science capabilities by ensuring seamless transfer of harvest information and insights from CLAAS TELEMATICS to FieldView.

Overview of API in Action

The Automatic Documentation add-on option in CLAAS TELEMATICS facilitates driver-independent, field-specific and site-specific documentation – making it possible to obtain a complete overview of each field worked taking account of all recorded parameters. And, in addition to machine data and consumption figures, yield data and measurements from NIR sensors, for example, can also be documented. When a farmer or contractor connects their CLAAS TELEMATICS account to their FieldView account via the CLAAS API, the documented harvest values from the TELEMATICS system are retrieved and sent to the FieldView user's inbox as posting proposals. From there, the customer can

select the files they'd like to sync with their FieldView account and further process the complete field-related documentation in FieldView.

With this connectivity, yield values and yield maps from a CLAAS combine harvester can be used in FieldView to generate site-specific planting prescriptions or fertiliser maps for the coming season – helping farmers increase their profitability, actively manage risk and save valuable time by gathering data and conducting analysis all in one place.

Each individual customer connects their two accounts. Agronomic information is exchanged only between the accounts of FieldView and CLAAS TELEMATICS customers who chose to enable the offering. Farmers or contractors can independently revoke the connection in the CLAAS TELEMATICS or FieldView portal at any time and disable the data exchange.

About Bayer

Bayer is a global enterprise with core competencies in the life science fields of health care and nutrition. Its products and services are designed to help people and planet thrive by supporting efforts to master the major challenges presented by a growing and aging global population. Bayer is committed to drive sustainable development and generate a positive impact with its businesses. At the same time, the Group aims to increase its earning power and create value through innovation and growth. The Bayer brand stands for trust, reliability and quality throughout the world. In fiscal 2020, the Group employed around 100,000 people and had sales of 41.4 billion euros. R&D expenses before special items amounted to 4.9 billion euros. For more information, go to www.bayer.com.

About CLAAS

CLAAS (www.claas-group.com) is a family business founded in 1913 and is one of the world's leading manufacturers of agricultural machinery. The company, with Head Office in Harsewinkel, Westphalia, is the European market leader for combine harvesters. CLAAS is the global market leader for another large product group: self-propelled forage harvesters. CLAAS also holds the top spots in global agricultural technology with its tractors as well as its agricultural balers and grassland harvesting machines. Cutting-edge agricultural information technology also forms part of its product range. CLAAS employs more than 11,400 staff worldwide and in 2020 generated a turnover of 4.04 billion euros.

CLAAS TELEMATICS is fitted as standard on many CLAAS tractors, combines and forage harvesters to continuously retrieve and record work data, tracks and yield data from connected machines. All data are transmitted via the mobile phone network from the machines to the server, where they are processed and stored. The “automatic documentation” add-on module automatically assigns recorded data to the fields which have been worked. The data can be accessed and evaluated online in real time or retrospectively via the TELEMATICS website using the farm PC, laptop or smartphone or export them to any common farm management software program. All TELEMATICS users have full control of their farm data as the machine and agronomic data is only recorded and stored after the customer has given the consent.

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Forward-Looking Statements

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