



Press release
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On a course for agriculture 4.0 with “SmartRain”

Free app from Bauer for managing and optimizing irrigation systems on a smartphone or tablet

New service for managing, monitoring and optimizing irrigation systems: Bauer presents the specially developed, GPS-assisted application “SmartRain” for smartphones and tablets, placing the company firmly on a course for agriculture 4.0. Whether in the field, at work or at home, the user remains informed of the current status of his systems via live updates and can easily intervene in the running processes at any time or make any necessary optimizations. The app is available for free on all typical smartphones and tablets.

The Bauer Group, a specialist in irrigation and waste water technology, is taking the leap onto mobile devices with its new “SmartRain” app to offer its customers a modern solution for monitoring and optimizing irrigation systems. With information about the irrigation progress, moving times and the current status of the system, the user always maintains an overview of the situation. Annoying delays due to problems are now a thing of the past thanks to reliable and fast notifications. The information is sent from the irrigation system by SMS or email directly to a stored telephone number.

In addition to the machine itself, however, the ground is also monitored. The user has the ability to enter current data into the system, such as the level of moisture in the ground, its composition and type, in order to draw conclusions for irrigation management. This portal, which can be opened in a web browser, offers the user comprehensive operating records in addition to data about the individual fields and crops. Satellite maps displaying the current status of all irrigation systems are also among the numerous features of the smart software solution.

With Pivot systems, it is even possible to actively access and control the machine: START, STOP, changing the precipitation rates in different sectors or moving into park positions as well as a number of other settings that should be configured daily can also take place via a mobile device or web access.

Various machines and authorizations can be assigned to individual users by means of a team management system. Every user therefore receives only the information for the machines assigned to him and can also remotely control these machines.

In addition to the smartphone app and web access, irrigating with “SmartRain” also requires a solar-powered GPS unit on the Rainstar cart or in case of a pivot a PRO-G control box directly on the central tower. The RAINSTAR series, PIVOT systems and pumps are currently supported.

In combination with the ECOSTAR 6000, active control of Rainstar systems is also possible. Specific operating states can therefore be activated via the app as well as starting, stopping and changing the retraction speed (or precipitation rate). A settings menu allows even more functions used on a daily basis to be easily modified in the app or from a PC with web browser. The app is available as a free download for Apple iPhone and iPad as well as all typical Android smartphones and tablets in the App Store or Google Play Store.



Display of SmartRain app

The Bauer Group at a Glance

Since its foundation in 1930, the BAUER Group - headquarters in Voitsberg, Styria, has been focused on irrigation and slurry management technology. Whilst initially producing wastewater and slurry pumps, the company first became an international player in the sector of irrigation technology in 1947 with the patent-protected Bauer lever lock coupling - named after Rudolf Bauer, the company founder. Today the company is developing rapidly in the biotechnology sector with wastewater treatment & biogas plants and it is focusing on three main sectors: irrigation management, waste water management as well as energy management.

BAUER is the Global market leader in irrigation technology: A total of more than 2.5 million hectares are irrigated globally. A major part of sales representing 50% of the total turnover is achieved in the sectors of slurry and environmental waste processing. The BAUER Group exports to about 100 countries of the world. With approx. 650 employees, Bauer generated consolidated net proceeds of about 145 million Euros in the financial year 2020/21. With an export ratio of 90%, the main markets of the BAUER Group are Germany, France, the CEE countries, China, the USA, Australia and South America. In October 2016 a new plant in Brazil was put into operation.

The BAUER Group currently consists of 16 companies worldwide, including the well-known German labels BSA, Eckart, and FAN.

Product Range

- Various irrigation systems
 - Automated pivot and linear systems, i.e.: Centerstar, Centerliner, Linestar
 - Irrigation machines, i.e.: Rainstar, A3 or ProRain
 - Traditional irrigation, i.e.: pipe systems and solid-set plants
 - Digital control solutions for a smart irrigation and slurry management (Signo 4.0, Smart Rain, Smart Touch)
- Slurry transportation (slurry tanks)
- Innovative slurry treatment: mixers, pumps, separators, composting and distribution
- Pipes and fittings
- Wastewater treatment and separation technology for the food and paper industry
- Components for Biogas plants
- BRU Bedding Recovery Unit
- Bauer self propelled technology

Internet Services

- Configuration of all machines
- Ordering of all spare parts

For further details see: www.bauer-at.com