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FOR A GREEN WORLD

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BAUER VRI

VARIABLE RATE IRRIGATION



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IRRIGATION SOLUTION

**Because every drop matters,
every decision you make about
irrigation is critical.**

VRI precision irrigation solution, you can precisely apply the right amount of water, fertigation, chemigation, or effluent in the right place while minimizing nutrient and chemical runoff. Use the BAUER-VRI solution to control pivot irrigators, plan irrigation plans, perform variable rate irrigation, and receive reports. By enhancing your irrigation operation, you can ensure you are doing what is best for your crop and your farm.

Benefit from Precision Irrigation

- Improve crop quality and yield
- Optimize water resources
- Increase water use efficiency
- Minimize input costs of water, fertigation, chemigation, or effluent
- Reduce energy costs for fuel and electricity
- Reduce trips to the field
- Ensure even application to reduce run-off and leaching
- Choose to apply water only to the best producing areas within a field

BAUER VRI

Monitor and Control

Your irrigation operation is important. So is your time. Use the SMARTRAIN solution to monitor and control your irrigation system from any computer, smart phone, or tablet so you can save time going to the field.

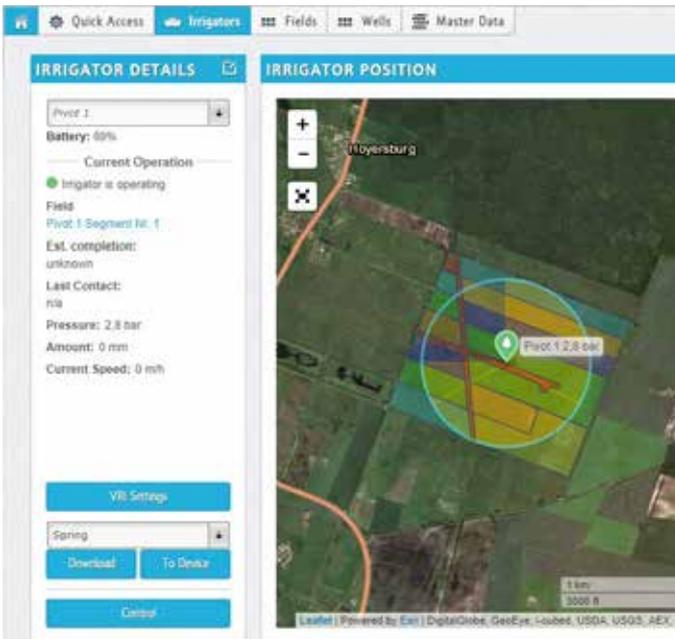
- View and monitor irrigation system locations, pivot speed, status (on/off), current voltage, pressure and more
- Remotely control the status (on/off), precipitation rate, material applied and direction of your irrigation systems
- Receive notifications about the system status so you can change your irrigation plan
- Restart irrigators and pumps when they have stopped or encountered errors
- Create zones and set application rates with the BAUER-VRI system

Apply

Apply exactly where you want to. Don't be limited by the spoke patterns of zone or speed control on your irrigation system. The BAUER-VRI solution enables targeted application, maximizing the irrigator's capabilities.

- Perform targeted application of water, fertigation, chemigation, or effluent based on your irrigation plan and apply where it matters most
- Automatically control water application depths to account for field variability and crop demands
- Control individual nozzles to apply the right depth in the right spot
- Ensure optimal application beyond the pivot circle utilizing corner arm control with variable rate irrigation plans
- Control end guns to ensure they apply beyond the pivot circle only where required





Plan

Too much or too little water can affect the quality and yield of your crop. By creating an irrigation plan that optimizes water usage, you can maximize your crop’s potential to achieve greater profitability.

- Draw polygons on top of a satellite map or use an EC soil map to create your irrigation plan
- Create and manage variable rate irrigation plans so you can apply the right amount in the right place
- Manage exclusion zones to ensure water is not being wasted in areas that don’t need it, such as roadways or other fixed landmarks
- Send your irrigation program instantly and wirelessly to the irrigator

Comply

Water conservation and environmental regulations are quickly increasing throughout the world. The BAUER-VRI solution helps you stay within compliance by improving water use efficiency and reducing leaching.

- Optimize water resources by applying the right amount of water where it is needed
- Responsibly fertigate and chemigate by applying the optimal amount where it is needed to reduce the risk of run-off
- Control exclusion zones such as waterways, buildings, roads, and fields occupied with livestock
- Disperse effluent through your irrigation system without blocking or corroding valves
- Safely disperse effluent through your irrigation system to ensure even application and reduce the risk of leaching while gaining natural nutrients from the effluent



PRODUCTS FROM OUR IRRIGATION PROGRAM



SYSTEM 9000



SMARTRAIN



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