Deliver The Right Amount Of Water To The Right Place At The Right Time

WaterBit’s small, powerful and reliable precision irrigation solution gives you information and control across your entire field.

One Field, Many Blocks
Address field variability with precision technology to maximize yield, crop health and water efficiency.

Remote Irrigation Control
Use a smartphone to irrigate using near real-time data on the fly. Scheduling irrigation for valves on mobile is easy, too.

Easy to Use, Out of the Way
Small, solar-powered, zero-maintenance device placed under the canopy stays out of the way of machinery.

Informed Irrigation Planning
Use 24/7 data to make better decisions and comply more easily with regulations.

WaterBit’s cloud-based solution combines near real-time data on soil and crop conditions with closed-loop automation tools to plan and control irrigation. WaterBit translates technology into tangible value for growers by improving yields and crop consistency, and optimizing water and labor.

“WaterBit’s soil probes tell us exactly where the crops need more or less water, all from the WaterBit Dashboard app. It helps us monitor the soil and control the valves in the field, helping us apply the right amount of water at the right time and place. It’s amazing to have such control.”

DEVINE ORGANICS
**Growers face a host of issues**

**WaterBit provides the solution**

- **Crop Quality & Yield**
- **Water Management**
  - Irrigation planning & execution
  - Leak detection
  - Verification of plan
- **Labor Cost Management**
- **Automation**

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**SOLAR POWER**
- Operates under canopy

**ZERO MAINTENANCE**
- No need to change batteries

**LONG RANGE**
- Long-range radio

**COMPACT**
- Small form factor

**SENSORS**
- Monitor field conditions

**ACTUATORS**
- Open/close valves and relays

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**WaterBit Carbon**: Solar-powered device installs in minutes, collects data from sensors including WaterBit Pressure Sensor™, WaterBit Flow Meter Monitor™ and soil moisture sensors and controls valves 24/7

- Deploys with any combination of sensors to achieve optimal value from technology
- Compact size fits under the canopy and operates in low-light conditions
- Utilizes reliable long-range radio (LoRa)

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**WaterBit Connect**: Farm-scale networking provides two-way communication for irrigation execution, control and monitoring

- A single gateway has a range of 3 square miles and communicates with hundreds of sensors
- No plugs or annual battery replacements required
- Seamless communication with cloud-based data storage

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**WaterBit Valve Automation**: Main Valve Controller™, Block Valve Controller™ and MicroBlock Valve™ configurations control irrigation remotely, wirelessly and automatically with zero maintenance

- Deliver whole-farm irrigation automation with ultra-precision capabilities
- Set triggers to automatically open & close valves; reduce time spent driving between blocks
- Allow water to be delivered any time of day or night to leverage off-peak energy rates

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**WaterBit Dashboard**: View near real-time irrigation data on a computer or mobile phone; make fully informed decisions and more easily comply with regulations

- Monitor irrigation and soil status & create and maintain irrigation schedules
- Toggle actuators and valves
- Download data to simplify reporting requirements

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**About WaterBit**

WaterBit’s precision irrigation solution lets growers measure soil moisture and execute irrigation remotely, and at a level of granularity and accuracy that would otherwise not be possible. WaterBit translates technology into tangible value for growers by improving yields and crop consistency, and optimizing water and labor. [Learn more at www.waterbit.com](http://www.waterbit.com).