



# CROP MINDER - BASELINE



**Crop Minder – Baseline** is an advanced agricultural fertigation system that revolutionizes nutrient management practices for optimized crop nutrition. It is a single venture system that uses a single channel to control up to 5 zones and is suitable for up to 5 acres of land. It comes with two sensors - Soil Minder and Weather Minder.

# Key Features:

**1. Integrated Data Insights:** Crop Minder - Baseline brings together data from Soil Minder, Weather Minder, and Foliage Minder to provide a comprehensive understanding of soil conditions, weather patterns, and foliage health. This integrated data offers valuable insights for informed Crop decisions.

**2. Seamless IoT Connectivity:** Leveraging IoT technology, Crop Minder - Baseline wirelessly transmits data from the sensors to the cloud in real-time. This enables farmers to remotely monitor and control the Crop process through the user-friendly mobile app interface.

**3. Cloud Data Storage:** All data collected by Crop Minder - Baseline is securely stored in the cloud, allowing farmers to access historical records, analyze trends, and make data-driven decisions for long-term Crop strategies. This ensures precise nutrient management and irrigation scheduling.

**4. Mobile App Convenience:** Crop Minder - Baseline's mobile app interface provides real-time data and insights at your fingertips. Farmers can effortlessly monitor soil conditions, weather data, foliage health, and Crop parameters on their smartphones or tablets. The app also enables remote control and adjustments for enhanced convenience.

**5. Reliable 4G Network Connectivity:** Crop Minder - Baseline utilizes the reliable 4G network for fast and stable data transmission. This ensures instant access to real-time information and enables timely adjustments to irrigation timing and nutrient delivery.



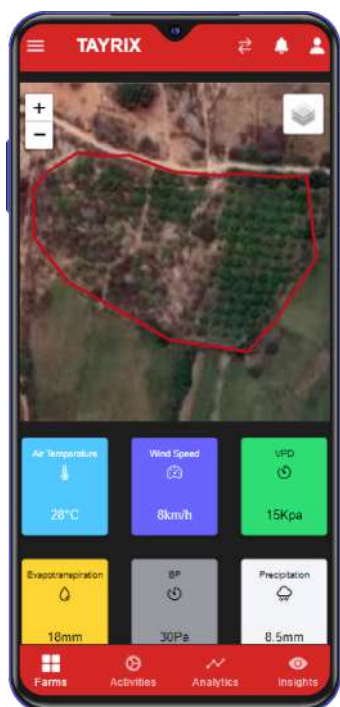
**6. Auto and Scheduled Modes:** Crop Minder - Baseline offers both auto and scheduled modes for fertigation management. In auto mode, the system uses real-time data from the integrated sensors to automatically adjust irrigation timing and nutrient delivery based on predefined thresholds. In scheduled mode, farmers can set customized fertigation schedules for specific zones or crops.

**7. Multiple Zone Control:** With the capability to control 4 to 6 zone areas, Fertigation Minder allows farmers to manage different sections of their fields independently. This enables precise irrigation and nutrient delivery tailored to the specific needs of each zone or crop.

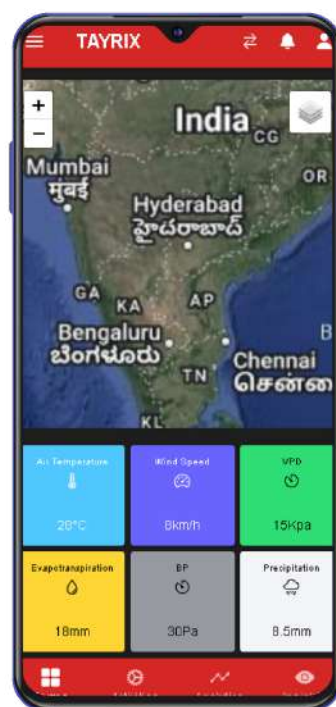
**8. Precise Nutrient Management:** Crop Minder - Baseline optimizes nutrient delivery in irrigation pipelines by leveraging integrated data insights. By continuously monitoring soil conditions and foliage health, the system ensures the right nutrients are provided at the right time, maximizing crop productivity while minimizing waste.

**9. Remote Monitoring and Control:** Crop Minder - Baseline empowers farmers with remote monitoring and control capabilities. Through the mobile app, farmers can monitor real-time data, adjust fertigation parameters, and receive notifications and alerts. This enables proactive intervention and timely responses when necessary.

**10. Easy Installation and Setup:** Crop Minder - Baseline is designed for easy installation and setup. The sensors can be quickly deployed in the field, and the system requires minimal calibration and configuration, allowing farmers to optimize their fertigation practices without unnecessary complexities.



## OUR SAAS APP



Elevate your farm practices with Crop Minder - Baseline. Unlock the potential of integrated data insights, precise nutrient management, and remote control capabilities to enhance crop health and maximize yields in multiple zone areas. Experience the future of efficient and sustainable agriculture with Crop Minder - Baseline.

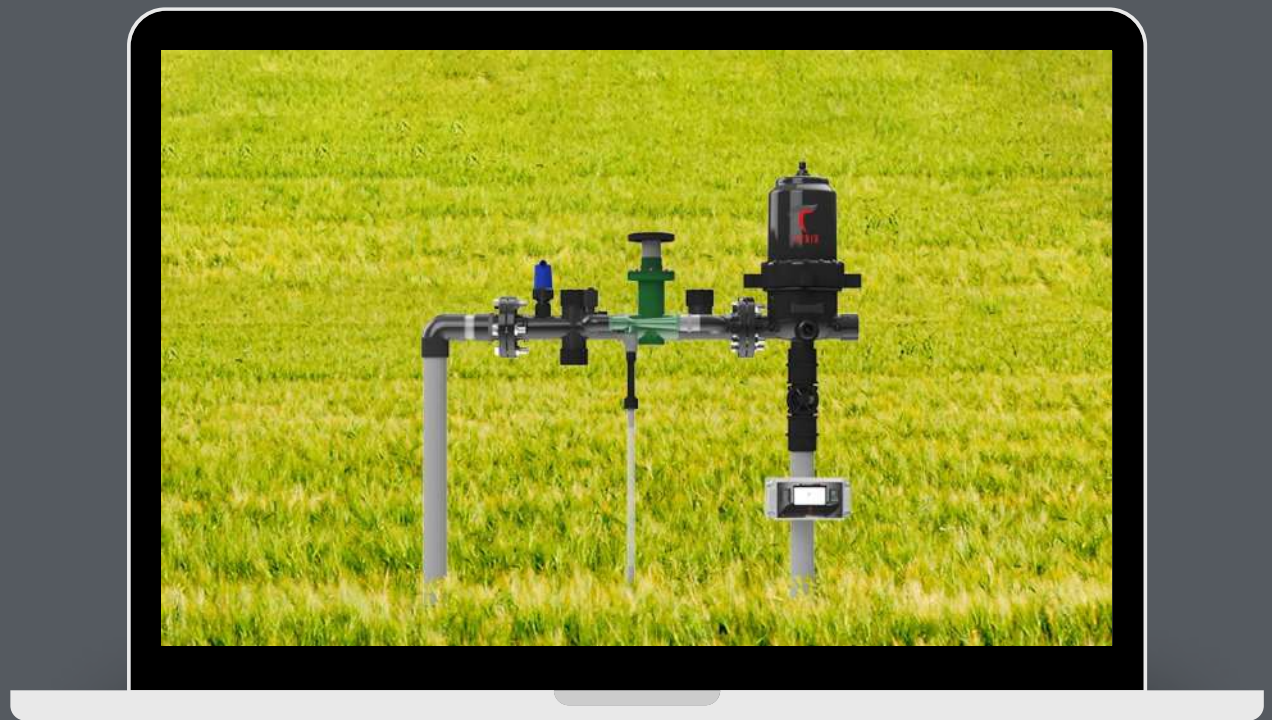
## Specifications:

Feature	Specification
Product Name	Crop Minder Baseline
Irrigation Type	IoT-Based
Number of Nutrient Channels	1 Channel (Single)
Solenoids for Zones	Control up to 5 zones with solenoid valves
Coverage Area	Suitable for 80-100 acres of land
Sensors Included*	- Soil Minder (Sensor) - Weather Minder (Sensor)*
IoT Connectivity	Available (Wi-Fi/Cellular)
Compatibility	Suitable for up to 5 acres of land
Fertigation Capability	Supports precise nutrient delivery
DIY Kit	Includes components, tools, and assembly instructions for DIY installation
Control and Monitoring	Remote control and real-time monitoring
User Interface	Web-based dashboard and mobile app
Data Analysis and Alerts	Advanced analytics and customizable alerts

Weather Integration	Real-time weather data integration
Soil Health Monitoring	Continuous soil health assessment
Power Supply	External power source (plug-in)
Dimensions	Customizable based on user requirements
Additional Features	- Water-saving mode
	- Nutrient optimization
Warranty	Manufacturer's warranty



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