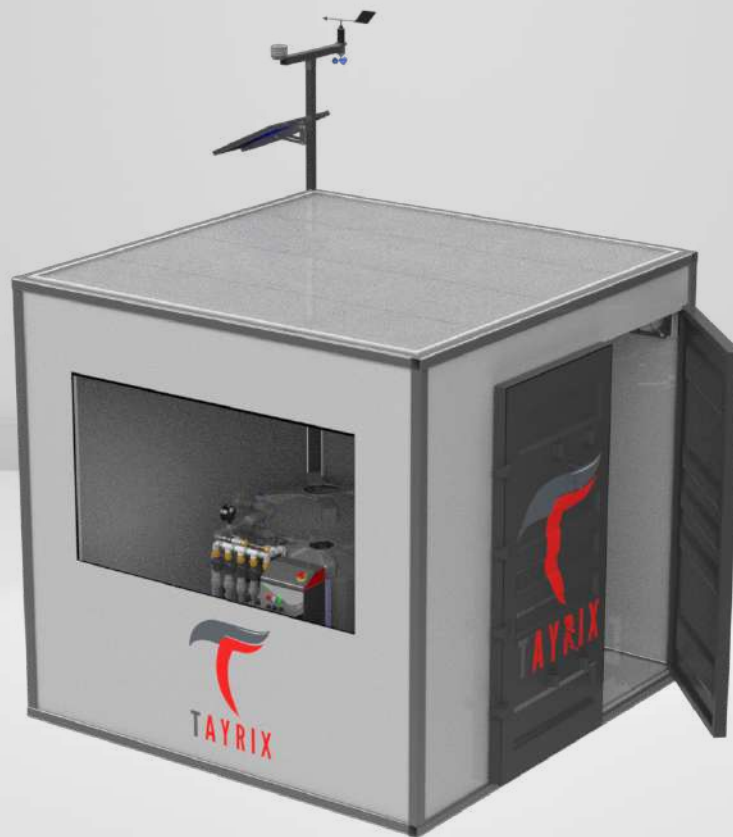




CROP MINDER - HIGHLINE



Introducing **Crop Minder - Highline**, the advanced agricultural irrigation and fertigation system that revolutionizes nutrient management practices for optimized crop nutrition. Seamlessly integrating data from Soil Minder, Weather Minder, and Foliage Minder, Crop Minder - Highline combines the power of IoT technology and mobile app control to deliver precise and efficient fertigation management. With its 4G network connectivity, multiple zone control, and auto/scheduled modes, Fertigation Minder ensures accurate nutrient delivery and irrigation timing for maximum crop productivity.

KEY FEATURES:

1. Integrated Data Insights: Crop Minder - Highline - Highline 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 - Highline 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 - Highline 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 - Highline'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 - Highline 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 - Highline 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.

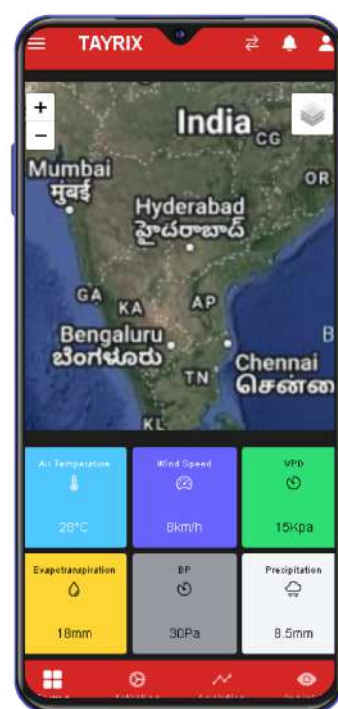
8. Precise Nutrient Management: Crop Minder - Highline optimizes nutrient delivery in irrigation pipelines by leveraging integrated data insights. By continuously monitoring soil conditions and foliage health, the system ensures the right nutrients are provided at the right time, maximizing crop productivity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

9. Remote Monitoring and Control: Crop Minder - Highline 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 - Highline 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 - Highline. 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 - Highline.

SPECIFICATIONS:

Feature	Specification
Product Name	Crop Minder Highline
Irrigation Type	IoT-Based
Number of Nutrient Channels	5 Channels
Solenoids for Zones	Control up to 10 zones with solenoid valves
Coverage Area	Suitable for 80-100 acres of land
Sensors Included	- Soil Minder Sensor - Weather Minder Sensor - Foliage Minder Sensor
IoT Connectivity	Available (Wi-Fi/ 4G Cellular)
Compatibility	Compatible with various crops
Fertigation Capability	Supports precise nutrient delivery
Mixing Tank Pump	1 HP Mixing Tank Pump
Pipe System	2-inch pipe system
Safety Valve	Integrated safety valve for system protection
Solenoids for Zones	Control up to 10+ zones with solenoid valves
Coverage Area	Suitable for 80-100 acres of land
Control and Monitoring	Remote control and real-time monitoring

User Interface	Mobile app and Web-based dashboard
Data Analysis and Alerts	Advanced analytics and customizable alerts
Event and Alerts	Provides real-time event notifications and alerts to the mobile app
Weather Integration	Real-time weather data integration
Soil Health Monitoring	Continuous soil health assessment
Foliage Health Monitoring	Monitor plant health and diseases
Power Supply	External power source (plug-in)
Dimensions	Customizable based on user requirements
Additional Features	Enhanced nutrient management
Warranty	Manufacturer's warranty



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