



Welcome to the Era of Data Driven Agriculture

ADVANCING PAKISTAN'S AGRICULTURE FOR A SUSTAINABLE FUTURE

AiGROS desire is not to sell pure hardware but to bundle our IoT products with digital smart services and focus on Sensor as a Service concept. This is why we introduced a unique sales strategy which is Agricultural Technology as a Service an annual subscription based model to make farming technology accessible and affordable

- Enhance crop quality and efficiency
- Manage costs for greater farm profitability
- Tailored care for each field and harvest
- Ideal conditions monitored for peak growth
- AI-driven irrigation for science-based decisions

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T-Earth

We utilize satellite images to observe your fields and correlate them with on-the-ground reality. Through monitoring diverse plant indices, we analyze soil and plant requirements, guiding the implementation of precise actions for optimal plant nutrition. Our commitment is to provide access to comprehensive data and analyses, influencing crop quality and efficiency, while also proactively safeguarding against potential damages.

- Nitrogen Status
- Plant Health Indices
- Water Stress Index



T-Agromatiq

Providing farmers with comprehensive control, from fertilizer and pesticide applications to field observation, pruning time, and resource and personnel management Agromatiq was designed to lessen the burden on farmers across operational processes, inventory management, and personnel coordination.

- Field Management
- Employee Management
- Resource Management



T-Weather

T-Weather is a smart meteorological station where you can remotely access your local weather data in real-time. Empowering farmers, our platform offers seamless access to meteorological data tailored to the unique needs of fields. Through specialized calculations, we provide interpretable datasets and comprehensive reports, allowing farmers to optimize crop yield efficiently and make informed decisions that lead to cost savings on inputs.

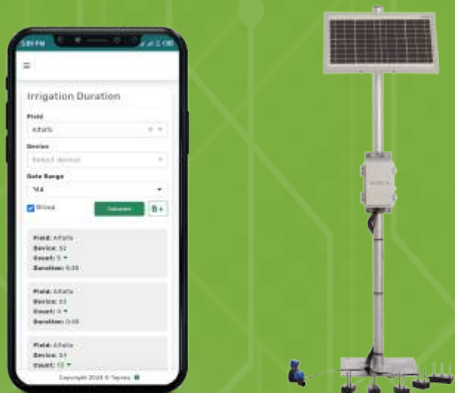
- Leaf Wetness & Canopy Temperature
- Weather
- Rainfall
- Pyranometer
- Wind Speed & Direction
- Chilling Hours
- Degree Day
- Dewing Point
- Growing Degree Day
- ET0 - Daily Evapotranspiration Rate



T-Irrigate

T-Irrigate is an AI-based irrigation optimization solution that enables farmers to execute their irrigation activities with the right amount, at the right time.

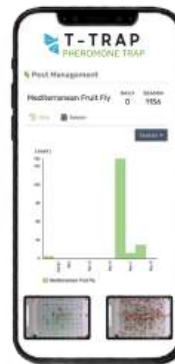
- Flowmeter
- Soil Moisture & Temperature
- Weather
- Rainfall
- Ultrasonic Flowmeter
- Water Pressure Sensor
- Leaf Wetness & Canopy Temperature
- Soil Moisture & Temperature & EC



T-Trap

T-Trap, an AI-based pest detection technology, offers continuous monitoring of pest populations in real time. This system supplies up-to-the-minute data on pest populations, assisting in informed decision-making for effective plant protection.

- Pheromone Digital Trap Camera
- Real-time monitoring
- Saving on pest control cost
- Executing fewer field visits and more efficient pest control
- Monitoring all kinds of insects that can be lured into insect traps
- Optimizing pesticide timings, less chemicals decreases the residue levels in the crop.



SAP Analysis

Technology Launching Soon in Pakistan.

SAP Analysis seamlessly incorporates essential information regarding nutrient levels within plant sap, the present nutritional status of plants, and field-specific details. Using Artificial Intelligence and Algorithms, this information is processed to deliver accurate insights and personalized nutrition recommendations tailored to specific fields.

- Fertilizer Saving Upto 40%
- Detection of nutritional deficiencies
- Increase in Crop Yield
- Plants with Strong Immune System
- Contribution to Sustainability in Agriculture
- Prolonged Shelf Life
- Increase in the BRIX Value
- Monitoring the Effectiveness & Accuracy of Fertilizer Content

