

FRT

THE COMPLETE FERTIGATION AUTOMATION MANAGEMENT SYSTEM



Auto
Dosing



Nutrient Control



Water Efficiency



Yield
Improvement



Available on



FERTIGATION

Precision Nutrition. Higher Yield. Lower Cost.

Fertigation is the process of applying fertilizers through an irrigation system. It combines fertilization and irrigation to deliver water and nutrients directly to the plant root zone in precise quantities. Instead of manually applying fertilizers across the field, fertigation ensures that crops receive the right amount of nutrients at the right time, improving nutrient uptake and reducing wastage.



Automatic
Fertilizer Dosing



Improved Crop
Yield



Remote
Monitoring & Control



NPK Based
Irrigation Control



Inline EC & pH
Corrections

FERTIGATION

Precision Nutrition. Higher Yield. Lower Cost.

WHY FERTIGATION

- ✓ Reduce Fertilizer Usage
- ✓ Even Nutrient Distribution
- ✓ Low Labour Dependency
- ✓ Monitor Nutrient Efficiency
- ✓ Improved Crop Performance

FEATURE HIGHLIGHTS

- **Smart automated fertigation** ensures precise nutrient delivery to every plant.
- Advanced **dosing technology** applies fertilizers accurately according to crop needs.
- **Real time** monitoring and **remote control** provide complete operational visibility.
- **Optimized nutrient management** reduces input costs and improves resource efficiency.
- **Precision fertigation** promotes healthier crops, higher yields, and better quality produce.
- Fertilizer tank **level monitoring tracks** available nutrients in real time.
- **Volume based injector** technology ensures highly accurate fertilizer injection.

MAX. INJECTORS

min 1 to 30 injectors

INJECTOR CAPACITY

250lph to 1000lph

MAX. TANK INTEGRATION

min 1 to 150 Tanks

TECHNICAL SPECIFICATIONS

Input Voltage : **230V AC / 440V**

AC No. of Injector : **1-30 injectors**

Injector capacity for
pH Correction: **250 lph Max.**

Tank Integration **Min 1 tanks
to 150 tanks**

flow range: **5 to 60m³/hour**

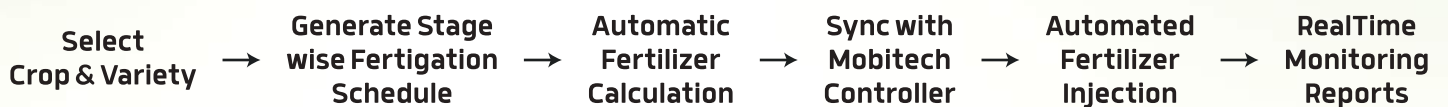
FRT

NutriCal™

Smart Fertigation Management System

NutriCal™ is an **intelligent fertigation management** platform that seamlessly integrates with Mobitech's IoT-based Irrigation automation system. It converts scientific fertilizer recommendations into automated fertigation programs, ensuring the right nutrient reaches the right crop, at the right time, in the right quantity.

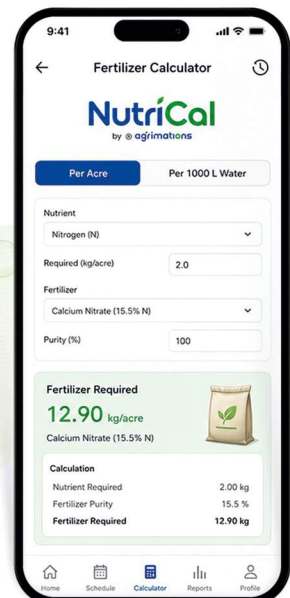
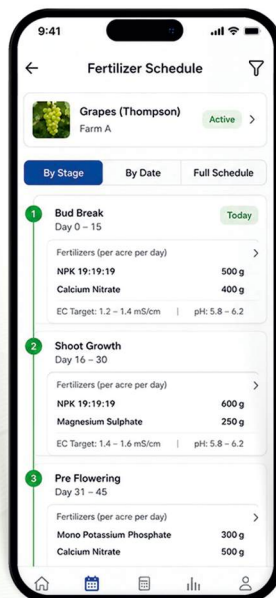
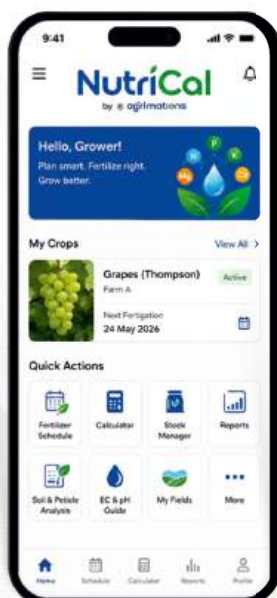
HOW IT WORKS

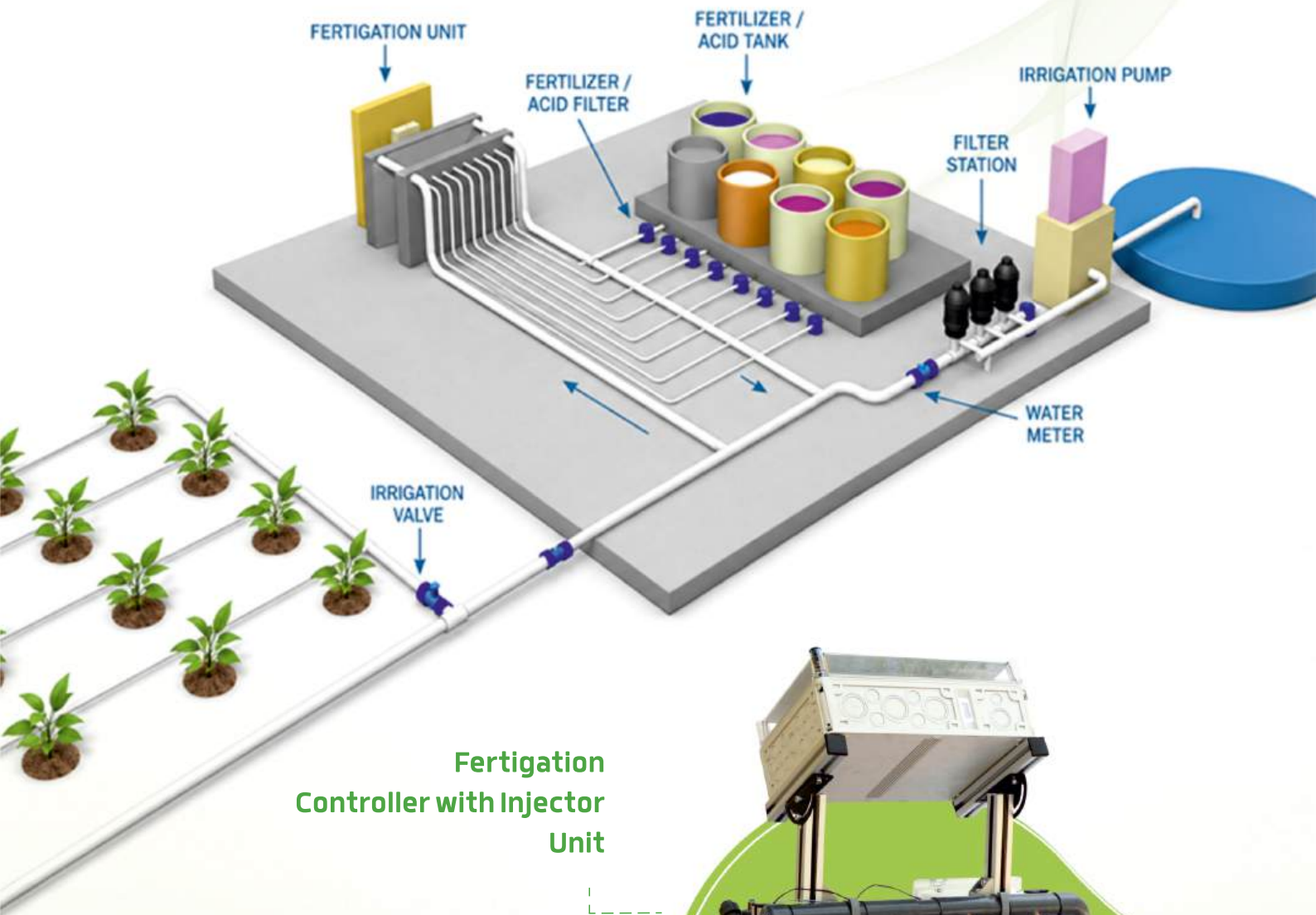


FEATURE HIGHLIGHTS



NutriCal™ + Mobitech = Precision Nutrition + Intelligent Automation
Plan • Calculate • Automate • Monitor • Optimize





Fertigation
Controller with Injector
Unit

Rotameter



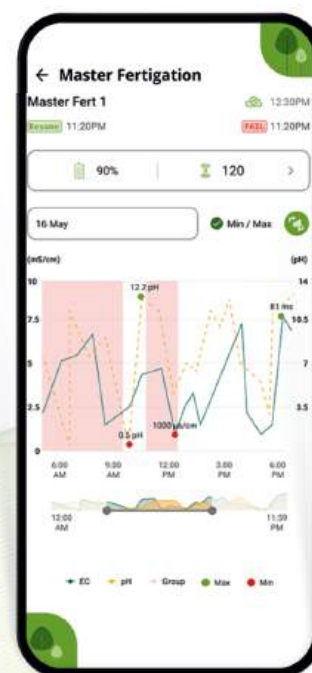
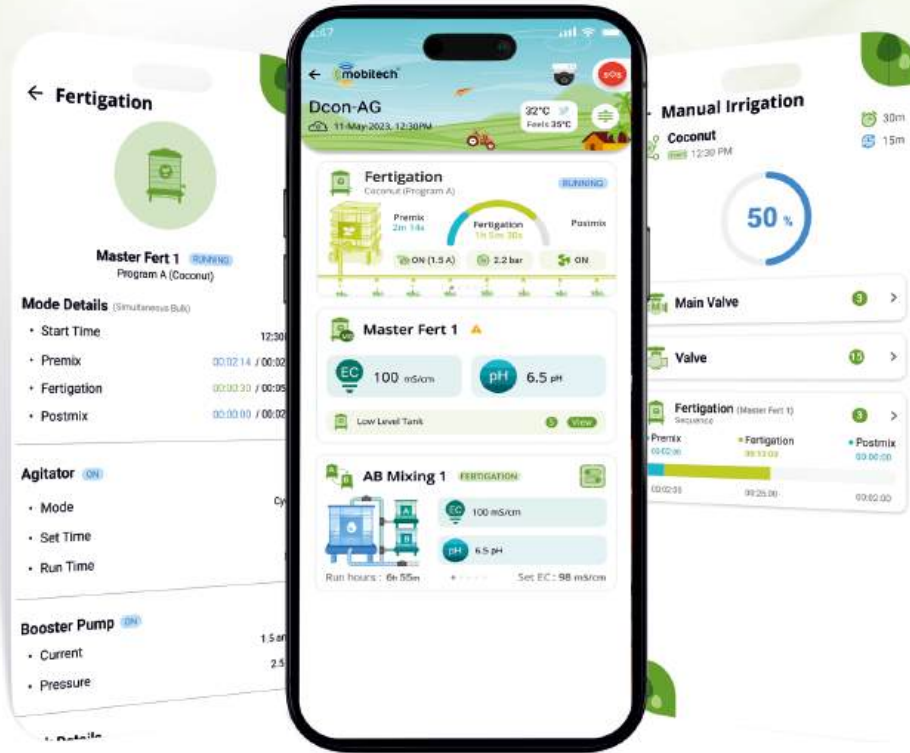
Solenoid Valve



Dcon Ag FRT



SCAN FOR APP



300000+

installation across india

Manufacturer

Mobitech Wireless Solution Private Limited

#1/4, Vengamedu, Erode Road, Perundurai – 638 052
Erode District, Tamil Nadu, **INDIA.**

Phone : +91 99 4343 0000

E-mail : sales@mobitechwireless.in

Web : www.mobitechwireless.in



Product Catalogue

Version 2.0