



# SICCA AUTOMATION

Complete Control of your farm from your Mobile Phone.  
Now there is no need to depend on labor for farm operations.



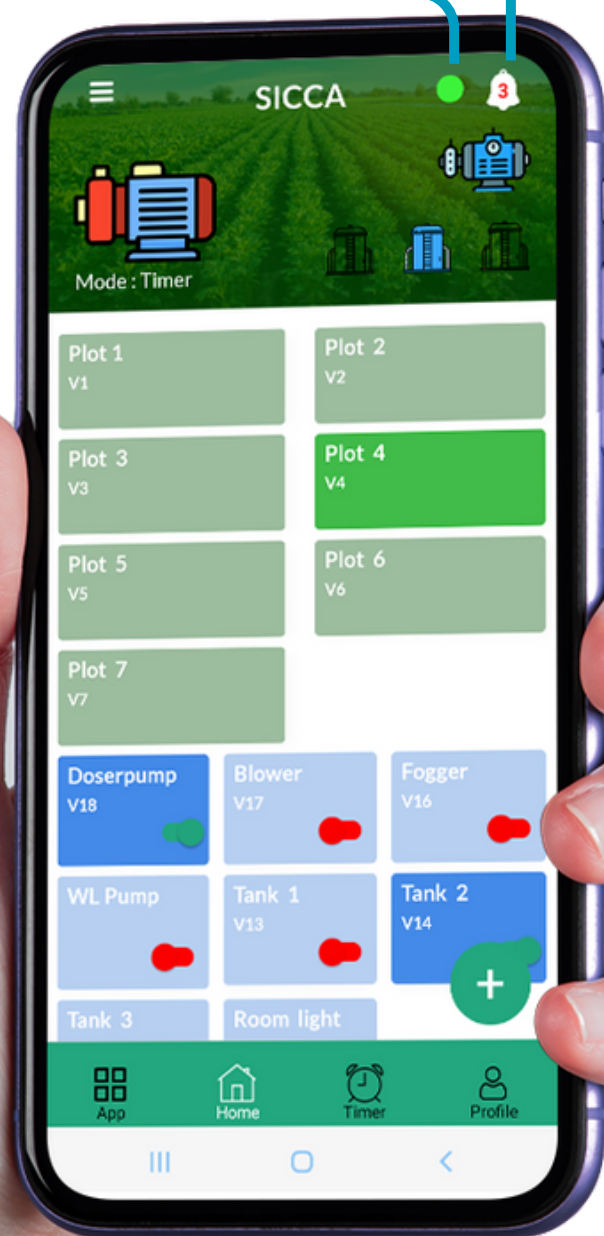
SICCA Controller



Displays the status of electricity



Monitors the farm status and notifies the farmer



Supports up to **60 valves**  
24 wired & 18 wireless valves



**5 to 50 acres** of land coverage with single controller



Supports Doser pump, **Booster pump, fogger pump, Fan-pad** arrangement etc



**Precision Farming:** Monitor and control micro-climatic parameters using sensors



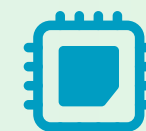
**Planned irrigation:** using scheduler /timer & soil moisture sensor



**Retrofit design:** no need to change pipeline structure, no extra expenses



**Management & Protection:** pump protection from Dry run and Overload



**Sensor-based** temperature, humidity and light control possible



No physical configuration is required



Automatic Sand Filter Backwash

Smart Technology For Smart Farmers

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## Wireless Valve Node (RTU)



Single controller 36 wireless valves



LoRa local wireless connectivity



Wireless valves can be operated up to 2 km from the water pump



Security feedback to ensure valves are on before pump is triggered



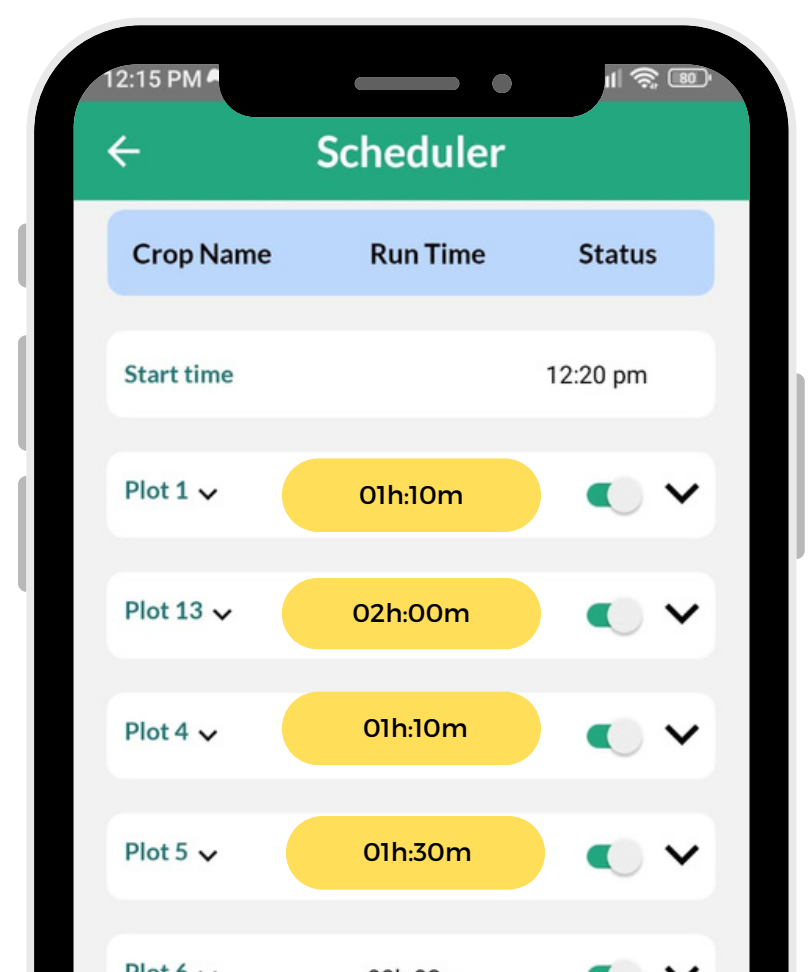
Wireless valves ensure no change to existing pipeline structure, no extra expenses



Wireless Valve



**Timer and Scheduler** based Irrigation and Fertigation management

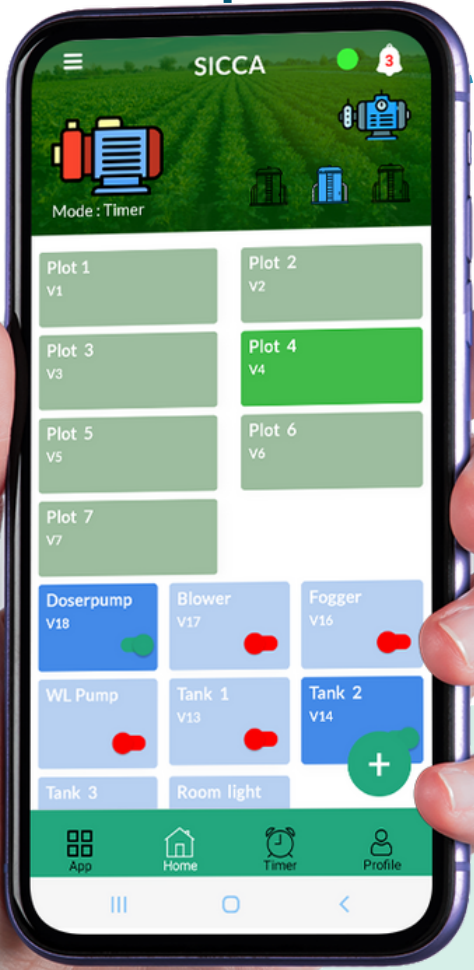


# Irrigation and Fertigation Management

**Complete Control of your farm's Irrigation and fertigation from your Mobile Phone.**

**Quantitative and timely fertilizer management through Sicca system reduces nutrient wastage.**

## SICCA Mobile App



**4G Wireless Connectivity**  
Connects controller with Mobile from anywhere

**LoRa Wireless Connectivity**

**Upto 60 Valves**  
24 Wired + 36 Wireless

## SICCA Wireless Valve Node

Wireless Valves can be placed upto 2 km away from Pump

**36 Wireless Valves**



## फिल्टर बैकफ्लश



## SICCA Controller



## Water Pump

Upto 1000 feet

## 24 Wired Valves



## Valve Extender

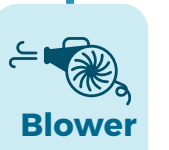
## Device Extender

## Wired Valves



Fertigation Tanks

Upto 6 Tanks



Dosing Pump

- Fertilizers are given as per need and at regular intervals.
- Evenly mixing and distribution of water and fertilizers.
- Fertilizers of various types are given with proper measurement.
- Fertilizer management of complete field is possible with a single fertigation unit.

mySICCA.com

## Smart Technology For Smart Farmers

### Remote operation

24 \* 7 control of your farm from My SICCA mobile App

### Planned Irrigation

Automation by scheduler/ timer and soil moisture sensor

### Protection & Management

Protect pump and Regulates Irrigation automatically

### Precision Farming

Monitor & control micro-climatic parameters using sensors

**We are waiting for your call..**  
**800 712 6004**



Scan to connect with us

## My SICCA Mobile App

Timer and Scheduler based Irrigation Management  
Time / Volume / Proportion based Fertigation Management