Smart Farming & Precision Agriculture
For Sustainable Business

**IoT Enabled
Data Collection System**

- Meteorological Data
- Spraying
- Cultivation Activities Tracking
- Disease Monitoring
- Irrigation
- Pest Monitoring
- Crop Monitoring
- Soil Testing
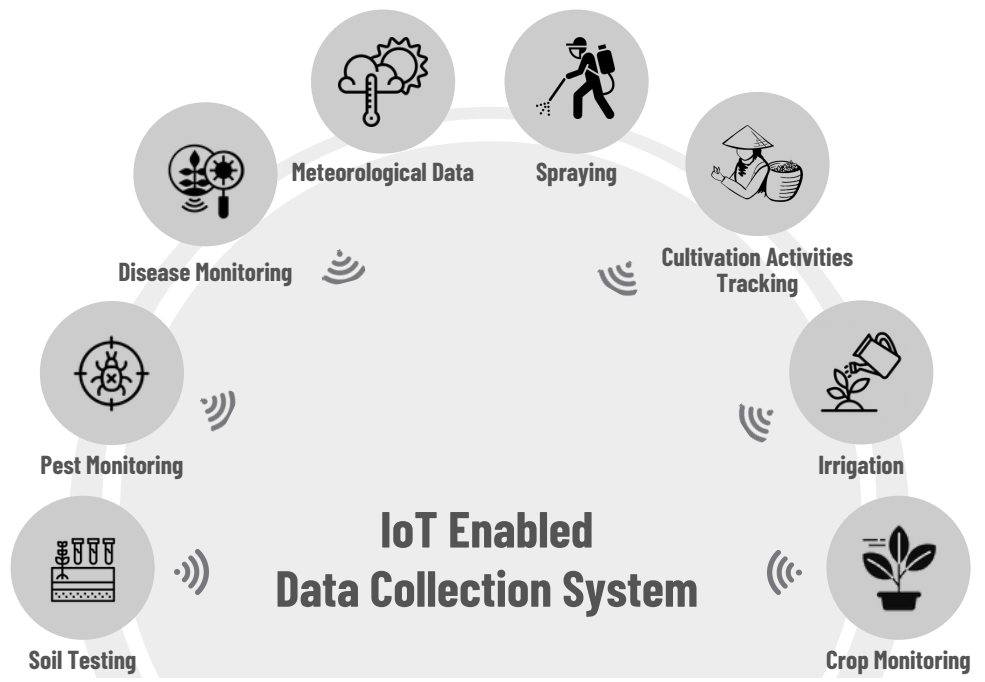
Data Processing Software Engine

Cloud Platform

Insights for Decision Making

TECHNOLOGIES & SOLUTIONS

GIS Based Solution & Mobile App for Cultivation Activity Tracking & Other field level data capturing

Sensors to collect **Soil Parameters** *(NPKS, pH Factor, Moisture etc.)*

Sensors to measure **water level**

Computer Vision *(Image Processing)* for Disease or Pest Analysis,

Weather Station Integration

Drone based spraying

Satellite image processing for **crop monitoring**

Data Analytics engine & Dashboard