REDtone

IOT-BASED / SMART FARMING SOLUTIONS FOR DURIAN FARMS

- Integration of end-to-end IoT solutions with traditional techniques which have been proven to be successful
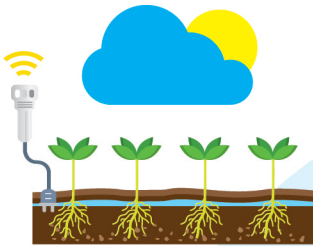
- Increase yield / production
- Real-time data and insights
- Remote monitoring
- Accelerate decision-making
- Lower operational costs

cost

- Plan fruiting cycle
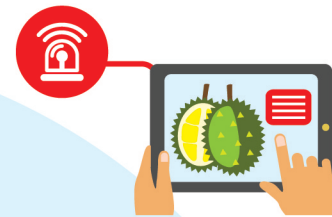- Increase yield value

AGRICULTURE MEETS TECHNOLOGY
FROM FARM TO RETAIL

Weather Prediction, Water & Soil Monitoring Sensors To Maintain A Perfect Microclimate And Environment For Optimal Plant Growth

- Moisture and nutrient monitoring
- Water usage monitoring
- Efficient fertilisation and chemical composition monitoring
- Weather condition monitoring

CCTV Monitoring

- From 3G / 4G wireless to deployment of satellite in the most remote areas
- 24/7 remote access via mobile / tablets
- Intruder monitoring and theft deterrence especially for fertiliser inventory and daily operations monitoring

Ultrasonic Intrusion Detection Sensor

- Ultrasonic waves attack the auditory system of animals, e.g. monkeys and squirrels, causing discomfort
- Effectively get rid of animal menace and nuisance from early growth to fruiting stages

Product Tracking, Distribution Tracing & Analytics

- Tracking system that checks the authenticity, place of origin, packaging date and logistics information
- IoT is used to facilitate real-time tracking; solution enables farms to trace the tree of origin for each durian product