SMART FARM SENSING

PᴀʟᴍGIS
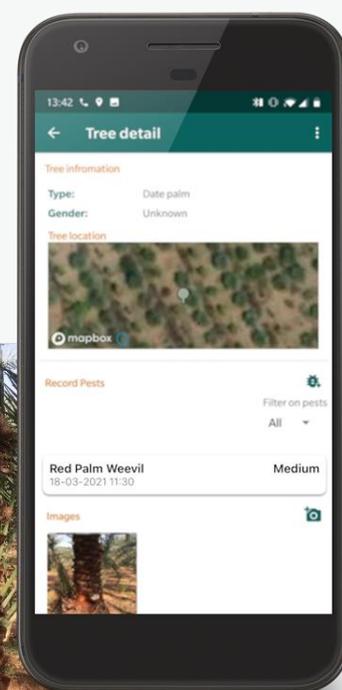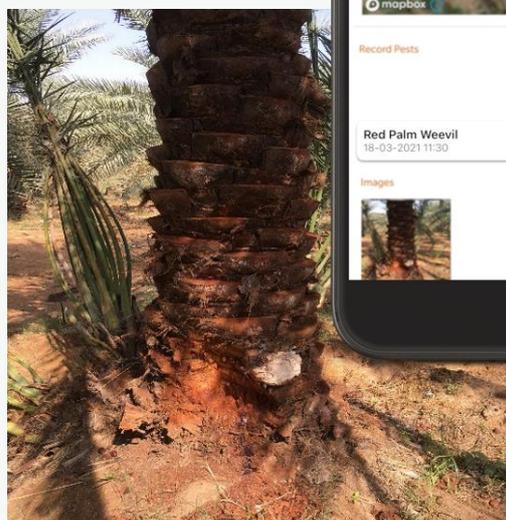
PalmGIS is the AgrIOT module for management, mapping, registration, and monitoring of your palm trees and includes mobile apps for in-field data collection and web portal for palm tree pest management. It is a powerful tool to improve the effectiveness and efficiency whilst reducing the costs of your extension work force and your IPM program.

PalmGIS secures your historic fruit tree and pest data and allows you to analyze, tailor and optimize pest management and use control products more effectively (more plant health with less costs).
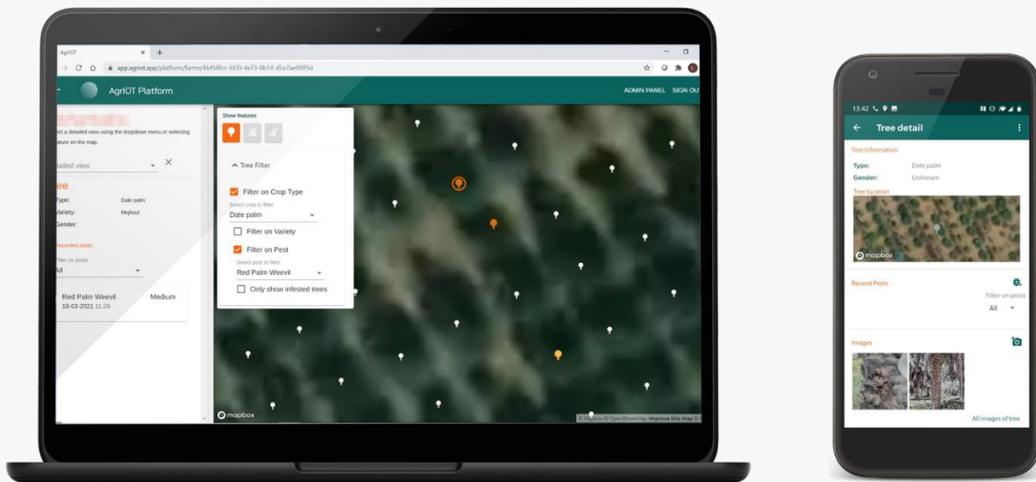
PalmGIS has been developed for farm managers, extension workers, scouts, agri-input suppliers, agri-consultants, researchers, government administrators.

TRAPGIS FEATURES

- PalmGIS mobile app with **installation wizard** to register and geolocate palm trees; trees can be also uniquely identified using QR codes.

- Report and log your tree maintenance and monitoring in the tree record using **annotated pictures**.

- As an option we can offer **palm tree mapping service** using high-resolution satellite or drone imagery.

- Tailored tree **maintenance protocols** to instruct your extension workers or field labor in maintaining palm trees and collecting e.g. health, pest, control and maintenance data using PalmGIS mobile apps.

- Analysis of aggregated palm tree data and immediate notifications in case of an increased level of pest activity at a field using **palm tree scenarios**, so you can take immediate control action.

- Export historic palm tree data to excel for post analysis, develop IPM programs, and input to your farm management system.

What is AgrIOT

AgrIOT https://agriot.app/ is a geo-spatial agriculture data management platform to collect and analyse large-scale fruit tree data reliably, timely and efficiently, using mobile apps and wireless sensor networks. AgrIOT supports farmers, agri-service providers, and government institutions to increase productivity, reduce losses due to pest and optimize water use efficiency.

AgrIOT can be used by a single farmer with a few hectares farm area up to government institutions with hundreds of extension workers servicing thousands of farms nationwide.

SMART FARM SENSING

Smart Farm Sensing provides products, services and solutions to the agriculture sector based on intelligent sensor data, remote sensing and geospatial information.

Our vision is to increase global agriculture productivity and sustain our future food chain with fully operational satellite, aerial and ground remote sensing data supply chains.