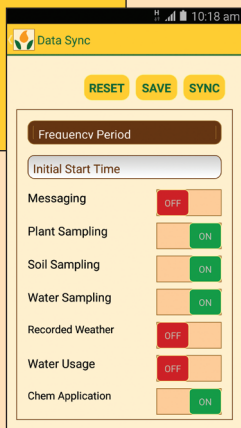
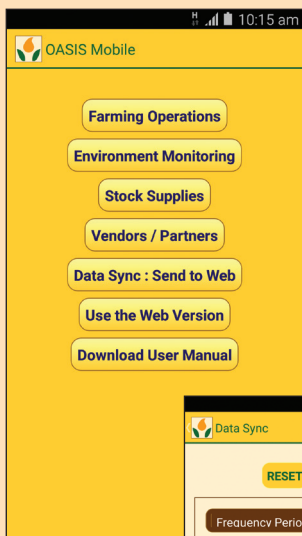


# OASIS MOBILE



The Operation and Agriculture Supply Information System (OASIS) Mobile Edition provides convenience in monitoring farm fields. The field scout can easily record observations regarding plant growth, changes in soil chemistry, and cloud coverage and precipitation, and can quickly transmit the data for the farm manager to make a timely decision. Farming activities can be recorded in accurate detail on a mobile tablet or a smart phone. The Mobile Edition works together with the [Standard Edition](#). This Android mobile app synchronises with the Standard Edition's Web application to ensure that all records are current and valid. The transmission of data can occur manually by the user or can be set automatically at a specified interval. Of course, the farmer or field scout can still enter new records and view existing records without a network connection. The Mobile Edition stores a copy of data records in the mobile device, allowing the user to access the data when there is no Internet. This offline mode feature reduces the amount of time needed to connect to the network. Core functionality is focussed on job tasks that are relevant to working in the field, such as chemical application and plant sampling. The included private messaging feature enables team members to communicate with each other. If urgent, a private message can be sent as an SMS text. With a list of vendors and partners, the farmer has quick access to telephone numbers to make a call. The Mobile Edition is optimised for a smaller display screen whereby information can be easily read and understood. The Mobile Edition is included in the Standard Edition license at no additional cost.



**FEATURES AND BENEFITS**

Farm Plot Summary	Concise summary list of farm plots or farm fields, providing access to chemical application, water usage, crop harvest, and monitoring records associated with each farm plot or farm field
Land Survey Tool	Precise location, boundary, and shape of farm fields and water sources, as reported from the field
Environment Monitoring Records	Accurate and timely samples of weather, water, soil, and plant conditions at specific locations within the farm field, as reported from the field
Chemical Application Records	Accurate and timely applications of fertiliser, pesticide, and other chemicals with specified amounts and prior approvals, as reported from the field
Water Usage Records	Accurate and timely logs of watering the farm fields with specified start and end times, as reported from the field
Crop Harvest Records	Accurate and timely trips to each farm field to pick the crops, detailed with total counts and vehicle operators, as reported from the field
Vendor Contact List	Convenient access to names and phone numbers of suppliers and distributors, and the ability to initiate a telephone call by clicking on the listed phone number
Private Messaging	Internal communication amongst registered users who are members of your team, and the ability to send SMS text messages to team members' mobile phones
Web Application Access	Direct access to the Web application from your tablet or phone, and easily switch between the mobile app and the Web application
Data Synchronisation	Transmission of data records between the Web application and the mobile app to keep both applications updated with the same information
Local Relational Database	Faster access of data records, because records are stored in the local database on the mobile device
Offline Mode	Creation of new records and reading of existing records when an Internet connection does not exist

**TECHNICAL SPECIFICATIONS (END USER MOBILE DEVICE)**

**HARDWARE SPECIFICATIONS**

- 1.0 GHz Processor or faster
- 512 MB Memory or more
- 25 MB Available Storage Space or more
- Display Screen (2.7 inch or larger)
  - Recommended 4-inch Screen
- Network Access via Wi-Fi or Mobile
  - Wi-Fi Wireless Network Access; or,
  - 2G/3G/4G Mobile Data Connection

**OPTIONAL HARDWARE SPECIFICATIONS**

- GPS, Temperature, and Barometer Sensors

**MOBILE DEVICE SPECIFICATIONS**

- Android 4.1.2 (Jelly Bean) or later
  - Recommended Android 5.0 (Lollipop)
- Mozilla Firefox or Google Chrome (For Use with the Web Application)

**GENERAL SOFTWARE SPECIFICATIONS**

- Adobe Acrobat Reader (For Reading the Manual)
- Anti-Virus Software (For Protecting Your Device)

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**THE OASIS IS PRODUCED IN THE STATE OF MARYLAND, USA.**