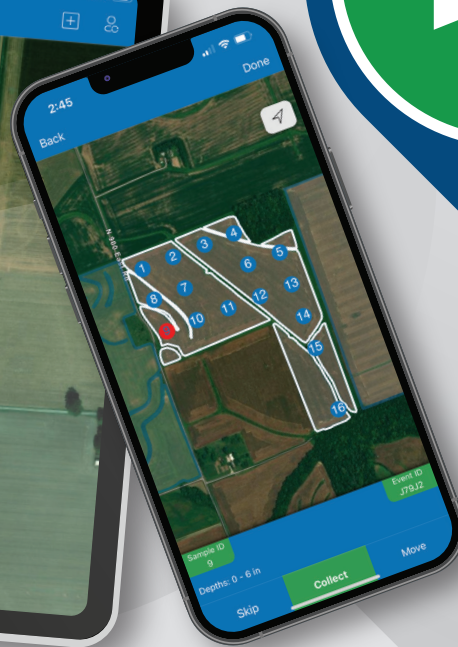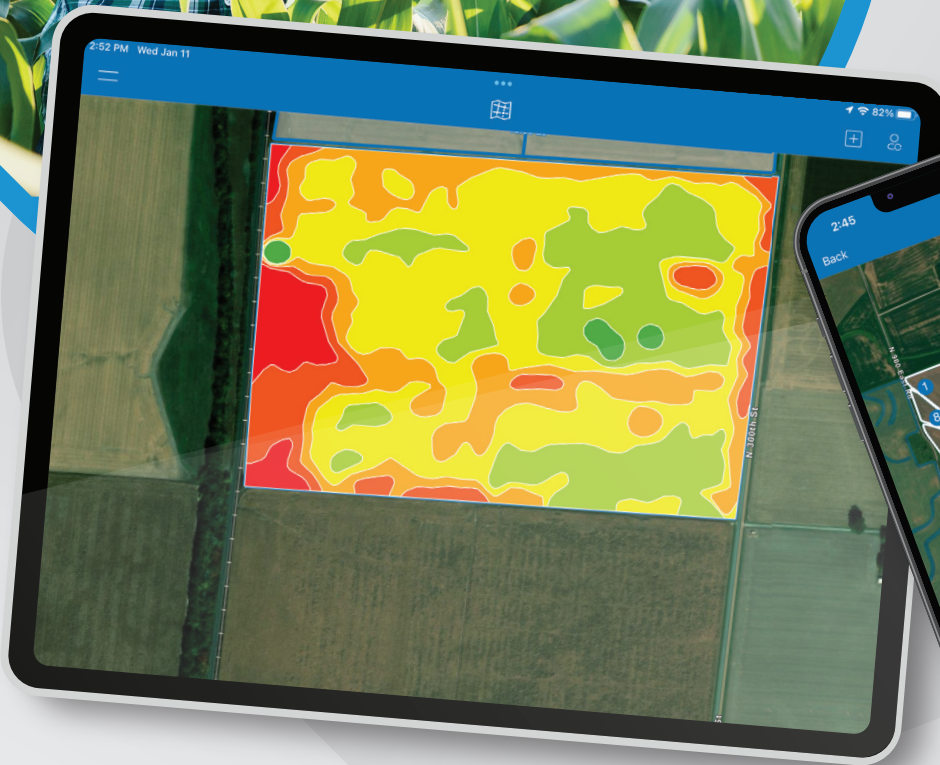# Mapping
Decision Support for Precision Ag

Use Mapping to provide the best advice on every aspect of the customer's precision farming operation. Mapping provides an easy-to-use web interface and leverages the power of cloud computing to provide the answers to your customers' most challenging questions.

The Agvance SKY Mapping mobile app for in-field tasks puts versatility right in your hands. Soil sampling, scouting, and other field events can be created while in the field with or without data connectivity. Sampling events can be started in the web app or created entirely in the mobile app. Data is automatically synced between the web and mobile app.

Print reports and assemble report books to share your recommendations. Keep your growers engaged by providing access to their maps and data layers through the SKY grower portal.

MAPPING SOLUTIONS

SKY MAPPING PREMIUM
- Access from a desktop or a mobile web browser using Google Chrome
- Boundary management
- Mapping non-field features
    - Field entrances utilized for dispatch directions
    - Points of interest
- Soil sampling
- Scouting
- Data management
- Automated Data retrieval for John Deere, Climate, and Raven
- Creating VRT recs for application or planting
    - Manual or equation
    - Ability to start with another layer
    - Importing 3rd party recs
    - Availability to create a plan or blend
- Event management of application, tillage, planting, irrigation, and harvest
- Analysis layers include normalized yield, management area (crop zones, sampling zones, user defined), profit/loss
- Branded reporting

SKY MAPPING LITE – Boundary management only
SKY MAPPING MOBILE APP
- Download the app to iOS tablets and phones
- Access the app and enter information even without a strong connection and sync later
- Track or manually add field boundaries
- Create soil sampling, scouting, and other field events
- Scan QR codes to link soil sample bags to the sample number

IMPORT/EXPORT DATA

- Import field boundaries from shapefiles
- Import test results
- Export single field or company-wide field boundaries to shapefiles
- Import and convert over 80 proprietary file formats
- Connect into your My John Deere, Climate or Raven Slingshot accounts and choose application, harvest, or planning data to flow into SKY Mapping

CREATE FIELD DATA

- Create normalized analysis and profit loss analysis layers
- Create crop management zones
- Create field events for applications, harvest, irrigation, sampling tissue, scouting, and tillage
- Automatic data imports for harvest, planting, and applications data
- Integrate imagery from the Sentinel satellite service automatically
- Customize with advanced drawing tools
- View boundaries to create field data and filter to view select boundaries
- Track field acres
- Sample soil by points or zones with composites

MAKE DATA-DRIVEN RECOMMENDATIONS

- Create crop-specific recommendations using test results or yield data from one or multiple years
- Create recommendations across multiple growers simultaneously
- Adjust recommendations by percentage, flat rate, or grower budget
- Create variable rate seeding and fertilizer recommendations that are equation based or from imported data and events

SHARE REPORTS AND ANALYZE COMPARISONS

- Brand reports with company logos
- Display 2 to 4 data layers in a split-screen comparison
- Share variable reports with growers such as yield maps, soil type maps, soil tests, recs, crop planning, planting and harvest summary reports, and applications reports
- Assemble report books to allow customers to make sound decisions about their farm or field
- Export reports to PDF, print, email or display in Grower360/Resources

Agvance SKY®