John Deere Operations Center
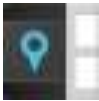*Useful tools and how they can help you*

JOHN DEERE

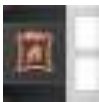**Need help getting started?** Start with <u>step-by-step instructions for Account Setup</u>.

PLAN

Land Manager

Be confident the right geographic information is being sent to your display. Create/manage boundaries, guidance lines, and flags.

Product Manager

Reduce data entry errors and redundancy. Enter/manage inputs such as varieties, chemicals, and fertilizers.

Setup Builder

Reduce the chance of operator data entry error by creating a setup file. Help your operator find the right field by including a field boundary and using Field Locator on your display.

Agrian Prescription Creator

Create a prescription to ensure you're following the 4 Rs for your operation: right product, right rate, right time, right location—all while potentially reducing costs and improving profitability.

John Deere Data Manager

Easily move files from Operations Center to USB or vice versa. Import data from a wide variety of non-Deere displays as well.

Files Manager

Send files to your fleet or share with your trusted partners.

MONITOR/CONTROL

MyOperations™

Manage quality concerns anytime, anywhere by viewing machine information, progress, and alerts. View performance by product, machine, or field. View and adjust machine settings.

Operations Center: Map

Stay informed about what's happening with equipment and operators using features such as Location History and Remote Display Access (RDA).

ANALYZE

Agronomic Report

Easily view, print, and export tabular information to track input costs as well as yields. Know where and when products were applied.

Field Analyzer & Field Analyzer Beta

Analyze, edit, and make collaborative decisions with partners, using the same shared information from Field Analyzer or Field Analyzer Beta.

Machine Analyzer

Benchmark one machine against others in your fleet, comparing many attributes (such as working, idle, or transport times) to learn how a single machine or your entire fleet is performing. Compare your machines against partnered machines as well.

Need more information or help using these tools? <u>Visit our help site for tips and how-to videos</u>.

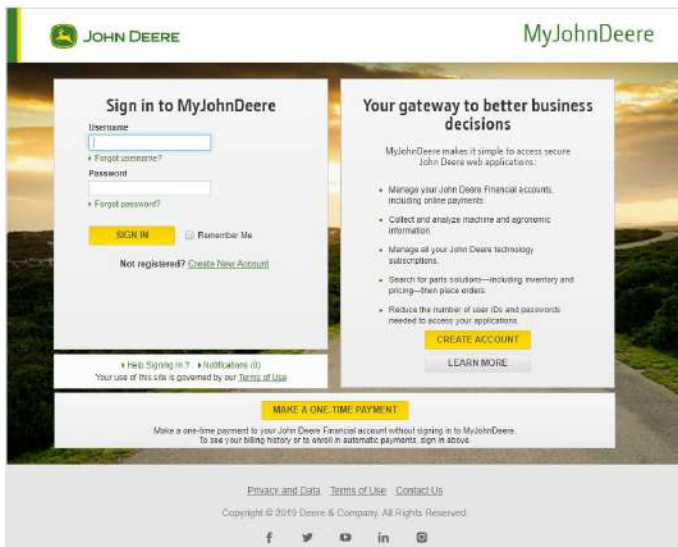# Account Setup
Getting started in Operations Center

Create Account in MyJohnDeere.com

Open web browser (Chrome preferred) and navigate to https://myjohndeere.deere.com/.

If you already have an account but don't remember User Name or Password, click *Help Signing In*.

Create a new MyJohnDeere account

If you don't have an account, click *Create New Account.*

Create a unique Username (no special characters).

Enter personal information (name, address, etc.).

If prompted with "Your account may already exist in our system" follow the on-screen instructions to either continue or retrieve Username/Password.

Validate account

After completing account setup you'll need to validate your information via an email sent to the address used during profile setup.
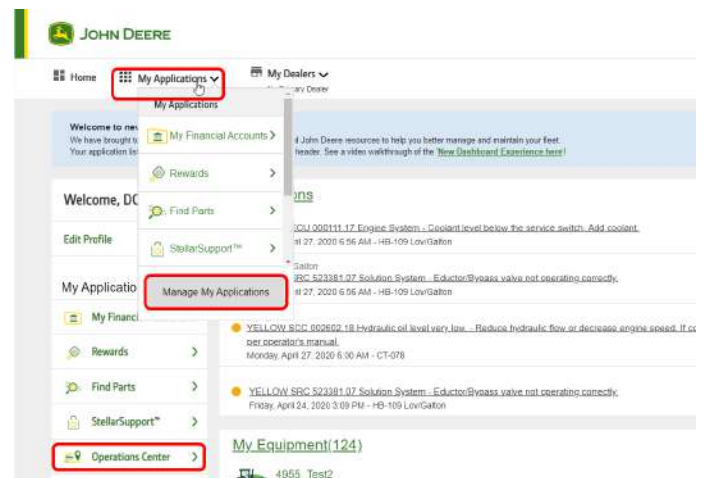
After validating email, create a password and challenge questions.

Log In & Configure MyJohnDeere

Configure the MyJohnDeere dashboard

Log into https://myjohndeere.deere.com/ with your Username and Password.

Click *My Applications* and select *Operations Center* to add it to MyJohnDeere dashboard.

Create an Organization and Set Preferences

Select your Country.

Name your Organization.

Accept Organization Terms and Conditions.

That's it! You've created a username and organization.

Fine-tune your Operations Center to suit your needs; this can be done via User Preferences and Organization Preferences sub-menus.

Additional resources

Organization Preferences

Operations Center Menus and Icons

Need more information or help using Account Setup? Visit our help site for tips and how-to videos.

Land Manager
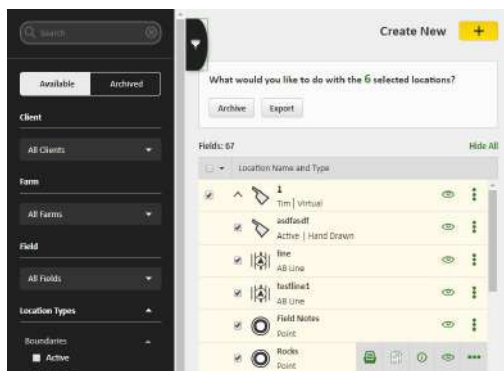## *Boundary and guidance management*

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Create New Fields

Actions

Add a Field, Boundary, Guidance Line, or Flag within Land Manager.

Create boundaries from previous operations or by clicking around a satellite image of a known field location.

Edit Existing Lines and Boundaries

Actions

Rename Boundaries, Farms, Fields, Flags, and Guidance Lines.

Edit Boundaries, Flags, and AB Lines.

Archive and Delete Flags, Boundaries, Guidance Lines

Actions

Check on desired attributes and archive.

Delete and restore attributes if desired.

Merge Boundaries

Actions

Merge neighboring fields to farm as one field.

Bring guidance lines and flags to one field.

Manage Interior Boundaries

Actions

Draw desired interior boundary; mark field as passable or uncheck passible if boundary is impassible.

Automatically calculate acres of shapes drawn.

Export Fields and Reference

Actions

Use the Measure Tool for quick analysis.

Export as a printable PDF or XLSX; see help files for more details.

Need more information or help using Land Manager? Visit our help site for tips and how-to videos.

Product Manager
Record products and tank mixes

JOHN DEERE

Add Products ①

Consistent records

Use the *Add Product* button to add seed varieties, pesticides, fertilizers (anything that will be applied to your land).

Maintain EPA registration numbers

EPA number automatically adds from library if available. If not, manual entry is available.

Create Tank Mixes ②

Select desired products and click *Generate Tank Mix*. System automatically calculates acres per tank, tanks needed to finish, and total volume required to cover the acres (also partial loads).

Print/Expert/Archive Tank Mixes ③

Reduce potential mixing errors by printing or exporting tank mixes and products. Archive old/obsolete tank mixes if desired.

Edit/Archive/Restore Products ④

Edit

Edit product names or desired crop at any time. Products not in the library can be added manually. Note: *Manufacturer/Brand* offers option for *Other*.

Archive

Archive old/obsolete products from your list. Make a mistake and need to restore? Click *Archive* from the filter and restore products.

Send to Deere Displays

Simplify in-cab experience

Reduce operator input and complexities. Using Product Manager coupled with Setup Builder you can add Products and Tank Mixes to setup files to send wirelessly to a machine (requires Wireless Data Transfer) or download to USB.

Need more information or help using Product Manager? Visit our help site for tips and how-to videos.

Setup Builder
Create and manage information sent to displays

JOHN DEERE

Must enter inputs for all six of these groupings in order to complete file before sending to machines

File Details

Input display type
Use drop down box to choose display model file will be sent to.

Create file name
Type unique file name to reference later.

File type
Start a new file or create from an existing one.

Land

Select land information
Check the boxes for boundaries, flags, and/or guidance lines you'd like to include.

Select *Include Variety Locator* to utilize variety information recorded during planting for enabling John Deere displays to automatically detect and document the variety during harvest.

*Tip: Use the left-hand bar if available in each section to filter entries based on key word searches or by category.

Equipment

Select equipment information
Include all equipment this file will be created for; be sure to also select implement tab to include implements to be used during operation, such as planter or combine header.

Products

Select product information
Include all products or tank mixes to be used during operations selected with checkmark boxes.

*Tip: You can add additional or missing items from the list by selecting "+" button at the base.

Operators

Select operators
Use check boxes to include names of all operators who will use the file to complete the operation and be included in reports.

Summary

Review summary details
Select edit file details to make changes; if correct, select *Create File* button in lower right corner.

*Note: If machines selected in equipment tab are enabled for Wireless Data Transfer, the setup file will automatically be sent to the machine when complete; setup file is also available in Files Manager to share with others or export to USB.
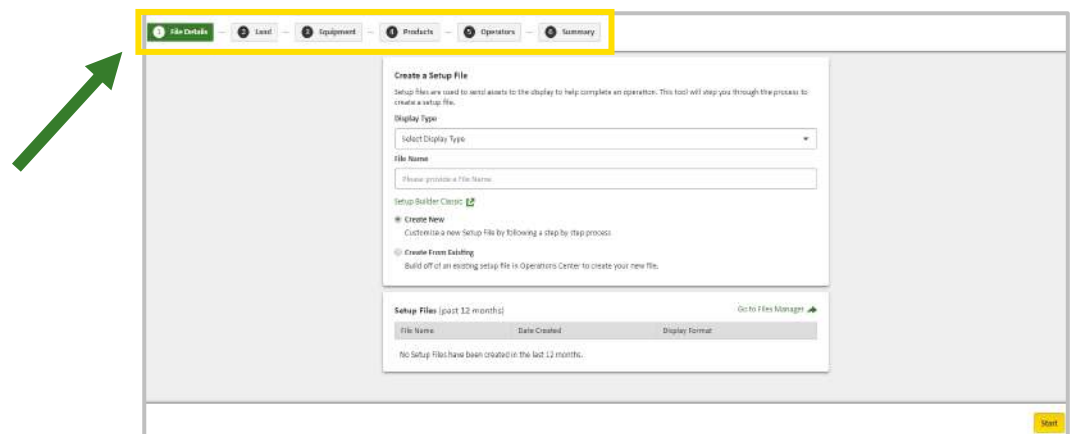
Need more information or help using Setup Builder? Visit our help site for tips and how-to videos.

Data Manager
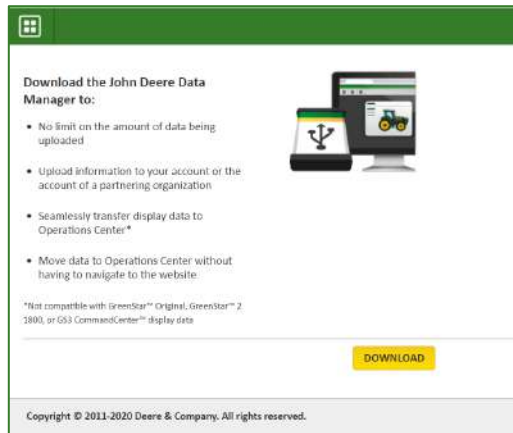*Transfer files between display & Operations Center*
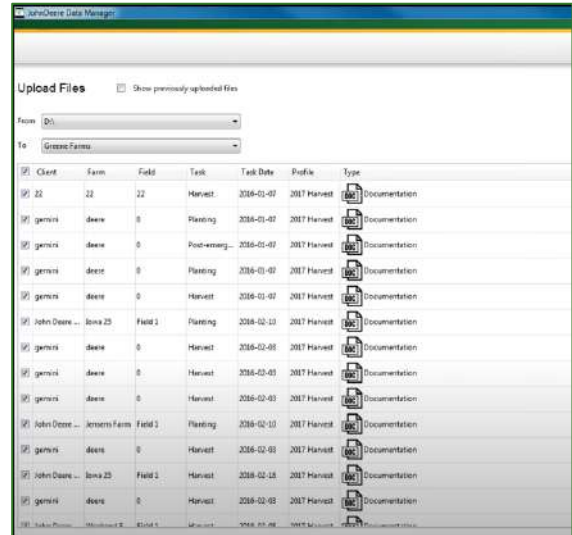
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Download Data Manager to Desktop

Unique Tool Setup
Download from Operations Center Tools page.

Install, then locate and initiate from computer Start Menu or desktop Shortcut.

Seamless Transfer of Data

Start-Up
Automatically navigate to sign into Operations Center account.

Sync with Setup Files
With USB inserted into computer, select correct computer drive folder in *From* drop down; ensure that correct MyJohnDeere Org account appears in *To*.

Checkmark desired files to upload into Operations Center account; files shown include client/farm/field, task, task date, profile, and type—providing more options for filtering desired data.

Select upload button in bottom right corner to send files.

Tip: Checkmark single box in title to select all available files listed.

Note: Files missing from this list either aren't included on USB, are an incorrect file format, or have already been uploaded to Operations Center; for the last case, select "show previously updated files" to upload those files again.

Check Transferred Files

Files Manager Tool
Log into Operations Center from MyJohnDeere; navigate to Files Manager using menu button in top left corner of Operations Center window.

Check status of recently uploaded file by searching the full list of data files (the tool lists all files received for the account).

Tip: Use left-hand filter bar in Files Manager Beta to narrow list of files by Client, Farm, Field, or Date created.

Once file status shows as complete, data has successfully uploaded into account; the data is ready to view and analyze via various tools within Operations Center, such as Agronomic Report or Field Analyzer.

There is no limit on the number of files or data to be uploaded into Operations Center.

Need more information or help using Data Manager? Visit our help site for tips and how-to videos.

Files Manager
Move files in and out of Operations Center

Upload Files

Upload

Find files and quickly upload them on both Windows PC and Mac; drag and drop after clicking *Upload Files* button.

Find and Filter Files

Find File

Use the filter menu to quickly search for desired files based on name, date, or other attribute.

Download Files

Download

Download files to a USB drive or Data Manager; use your preferred format/tool.

Assign Files

Share Files

Use the check box to select files you want to Share (Assign) with partners.

Other Actions

Transfer

Use the check box to select files you want to send to equipment (via Wireless Data Transfer).

Archive

Use the check box to select files you want to archive (remove from list, but still available if needed).

Need more information or help using Files Manager? Visit our help site for tips and how-to videos.

Operations Center: Map
View equipment, fields, and location history

JOHN DEERE
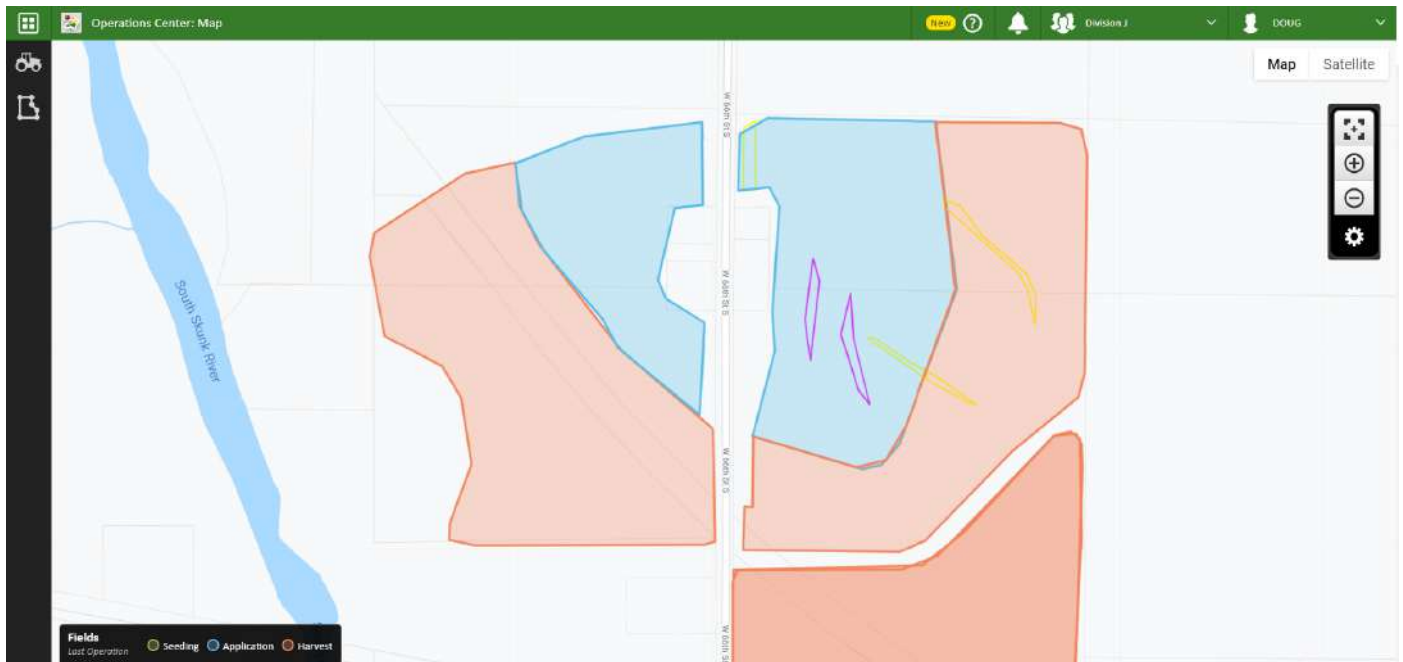
Customize what you see on the map

Click the Map Layers button:
Turn layers on/off.

Click Location History (in Map Layers)
See where your equipment was on any 2 days.

View information about your equipment

Click the Equipment button:
Add/rename/delete equipment and modify offsets.

If JDLink™ is enabled, view location, establish Remote Display Access (RDA) session, send files via Wireless Data Transfer (WDT), and get directions to the machine.

View information about your fields

Click the Fields button:
View area and last crop, and get driving directions.

Click the Details button (while viewing a field):
Add or view prescriptions, view job information, merge and unmerge fields (and agronomic data).

Need more information or help using Map? Visit our help site for tips and how-to videos.

Agronomic Report
View and print agronomic records

Generate Reports

See all your agronomic reports

Select the operation type and year you'd like to view.

Search

Limit your search to just what you want

Example: see all fields where you applied Liberty.

Filter

Filter to just the information you want

View everything or narrow your search by selecting specific crops, varieties, products, or fields.

Share

Share information

Print the data to PDF or CSV file.

Need more information or help using Agronomic Report? Visit our help site for tips and how-to videos.
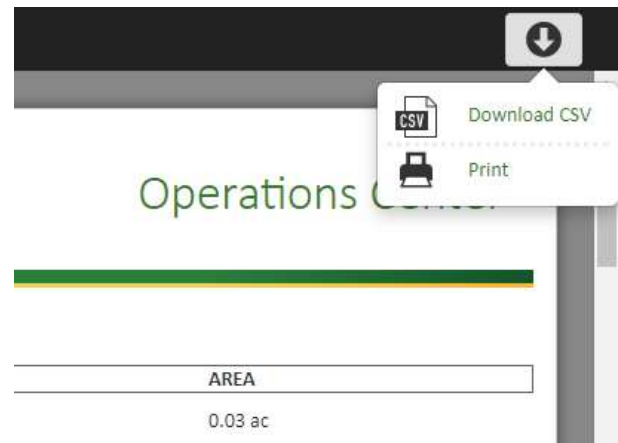
Field Analyzer
Data analysis & editing tool

JOHN DEERE

Analyze Operations

Review operational data for Tillage, Application, Seeding, and Harvest practices.

Toggle on layers for agronomic analysis, viewing field trends, and machine performance information. Layers viewable depend on machine functionality.

Manage Recorded Data

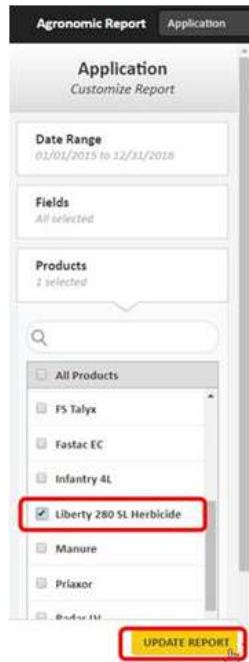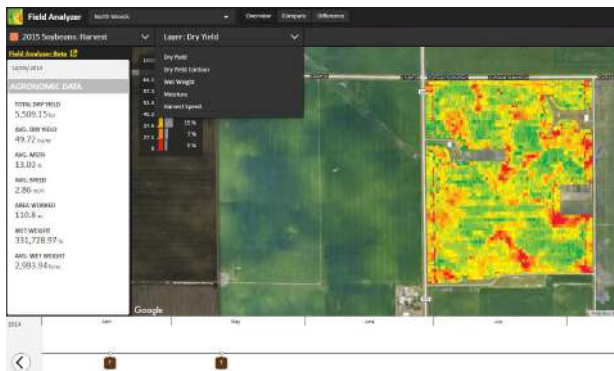Click the pencil tool in the legend to edit recorded data. Editable features include varieties, chemicals, and crop type/year. Post calibrate harvest data from scale tickets or adjust wet weight of crop harvested.

Click the trash can to delete an operational layer.

View Operations on a Timeline

Operations will be listed on timeline for users to quickly toggle on and view within a selected cropping year.

Color coded operations on timeline represent tillage (purple), seeding (green), application (blue), and harvest (orange).

Compare Layers

Compare 2 layers at the same time side by side to help identify trends in land and cropping practices.

Compare layers of different operations or layers of same operation across selected cropping years.

Export PDF Record

Export a layer as a PDF. PDF will include agronomic data.

Partnered Orgs or trusted Ag Service Providers may access data and generate the same reports.
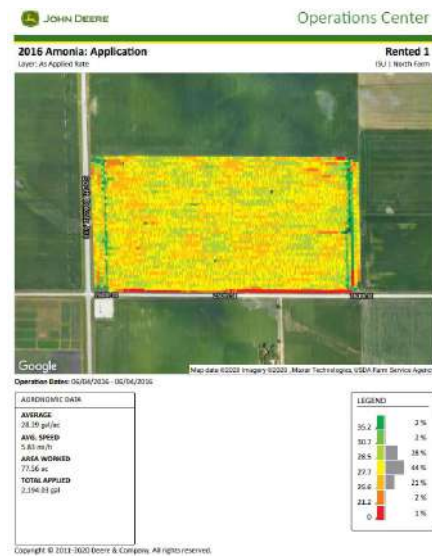
Link to Agrian Prescription Creator

While viewing a layer suitable for prescription creation, users access the Agrian Prescription Creator from Field Analyzer.

Accessing Agrian from the icon auto populates Client, Farm, Field, and Boundary info.

Need more information or help using Field Analyzer? Visit our help site for tips and how-to videos.

Field Analyzer Beta
Advanced data analysis & editing

JOHN DEERE

Data Drawing Tool

Review operational data for Tillage, Application, Seeding, and Harvest practices.

Break down portions of a field for deeper data insights.

Use drawing tools while comparing or overlaying various layers.

Legend Template

Create a template for quick legend changes.

Toggle on template to better visualize data using the same numbers and color scheme.

Flags

See flags created from the MyOperations App, where users can input flag details with option to attach a photo visible in Field Analyzer Beta.

Data Drawer

Quickly analyze data attributes between operations, such as yield by soil type, by variety, or by application (herbicide, fungicide, etc.).

Weather Data

For users with Mobile Weather Stations: view Wind Speed, Wind Direction, Sky Condition, Delta T, and Relative Humidity layers.

For Gen 4 users who entered weather data manually: view layers here.

Map Tools

View yield maps of the same crop in the same field side by side with a third map highlighting areas of the field performing higher and lower.

Overlay and change contrast to view overlapped layers.

Compare/view any operational data or soil map side by side.

More Functionality

See additional layers not visible in Field Analyzer.

Export as a printable PDF.

Access quick link to Agrian Prescription Creator.

Need more information or help using Field Analyzer Beta? Visit our help site for tips and how-to videos.

Machine Analyzer
Dive into machine performance metrics

JOHN DEERE

Compare Machine Metrics
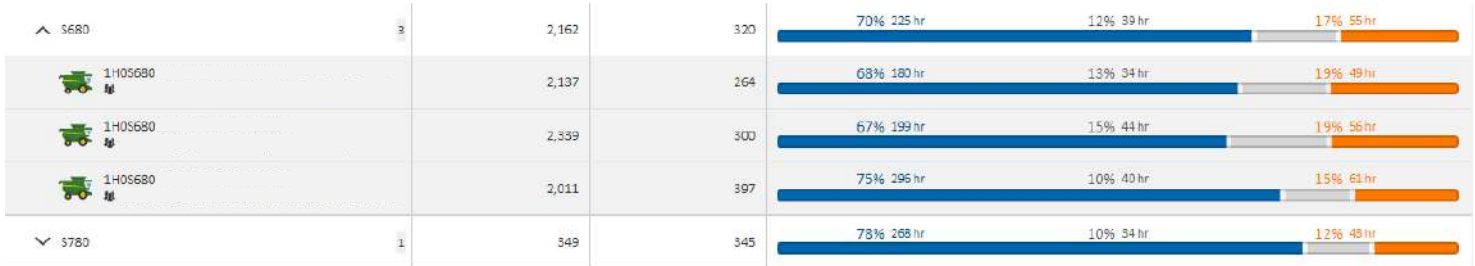
Actions

Compare similar machines to analyze various metrics like hours, fuel usage, engine loads, speed, etc.

Select a machine group to see which are most productive.

Create Custom Views

Actions

Compare machines by the metrics that matter to you.

Under "View," select *Add New View* then check the metrics you want to see.

Easily Export Data

Action

Click *Export* to easily export data into a PDF or spreadsheet.

Filter and Sort by Key Information

Actions

Filter by view, date, machine type, and activity.

Sort by machine or organization.

Need more information or help using Machine Analyzer? Visit our help site for tips and how-to videos.