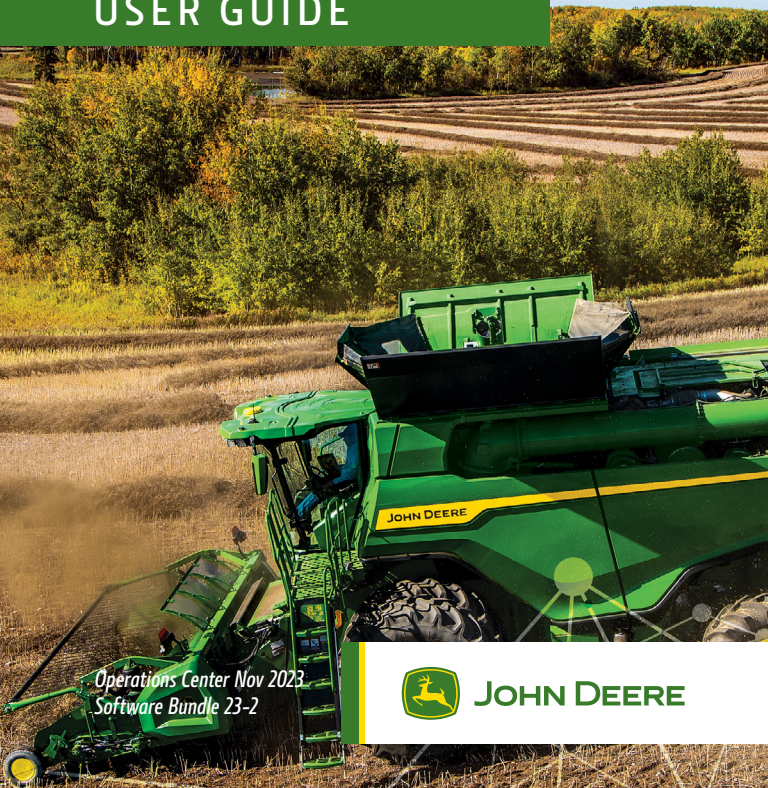
JOHN DEERE
PRECISION AG

USER GUIDE



Operations Center Nov 2023
Software Bundle 23-2

JOHN DEERE

Welcome to John Deere Precision Ag

You're on your way to an even smarter farming operation, fueled by data and powerful connections. We're here to help!

This guide will walk you through specific tasks, in John Deere Operations Center™ and in the cab, to take full advantage of Precision Ag technology.

SETUP: Set up and manage your entire farm, including equipment, fields, products, and team.

PLAN: Simplify in-cab setup and enhance data accuracy by planning work before operators begin field work.

IN THE CAB: Set up the display in-cab to ensure clean and accurate data collection.

MONITOR: Keep a pulse on your fields and equipment to ensure the right work is done at the right time, helping operators minimise mistakes.

ANALYZE: Evaluate your results once the work is done and use precise data to determine what worked best as you plan for next season.

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CHECKLISTS

Get ready for the upcoming season. The following checklists will assist you in preparing for the growing season. Completing each action will ensure your operation is set up to take full advantage of the technology available.

- ∞ *Machine must have a connected modem*
- ≠ *Use USB transfer for non-connected machine*
- Δ *Must have an active Automation 4.0 or G5 Advanced License for your machine*
- ± *Must have an active CommandCenter™ Premium 3.0 or G5 Advanced License for your machine*

Tillage Checklist

✓	TASK	PAGE #
	In Operations Center before season:	
	Add your equipment and implements, including offsets	11-12
	Verify all the fields you will farm this season have been created	13
	Verify boundaries and headlands exist for all fields	14-15
	Verify guidance tracks exist for all fields	16
	Add fertilisers to products	18
	Verify all team members have been added with the proper permissions	21-25
	Create tillage Work Plans for all fields	31
	Send Work Plans to your equipment ∞ or export to a USB ≠	33-34
	In the cab:	
	Setup the display	37
	Setup the machine and implement	47
	Setup AutoTrac™ Turn Automation	50
	Setup AutoPath™ (Rows) Δ	54
	Setup AutoTrac™ Implement Guidance Δ	57
	Setup In-Field Data Sharing if more than one machine will be working in the same field ±	64

Planting/Seeding Checklist

✓	TASK	PAGE #
	In Operations Center before season:	
	Add your equipment and implements, including offsets	11-12
	Verify all the fields you will farm this season have been created	13
	Verify boundaries and headlands exist for all fields	14-15
	Verify guidance tracks exist for all fields	16
	Add seed varieties, chemicals, and/or fertilisers to products	18
	Verify all team members have been added with the proper permissions	21-25
	Create planting/seeding Work Plans for all fields	31
	Send Work Plans to your equipment ∞ or export to a USB ≠	33-34
	In the cab:	
	Setup the display	37
	Setup the machine and implement	47
	Setup AutoTrac™ Turn Automation Δ	50
	Setup AutoPath™ (Rows) Δ	54
	Setup AutoTrac™ Implement Guidance Δ	57
	Setup In-Field Data Sharing if more than one machine will be working in the same field ±	64

Application Checklist

✓	TASK	PAGE #
	In Operations Center before season:	
	Add your equipment and implements, including offsets	11-12
	Verify all the fields you will farm this season have been created	13
	Verify boundaries and headlands exist for all fields	14-15
	Verify guidance tracks exist for all fields	16
	Add chemicals and/or fertilisers to products	18
	Add tank mixes and/or dry blends	19
	Verify all team members have been added with the proper permissions	21-25
	Create application Work Plans for all fields	31
	Send Work Plans to your equipment ∞ or export to a USB ≠	33-34
	In the cab:	
	Setup the display	37
	Setup the machine and implement	47
	Setup AutoPath™ (Rows) Δ	54
	Setup In-Field Data Sharing if more than one machine will be working in the same field ±	64

Harvest Checklist

✓	TASK	PAGE #
	In Operations Center before season:	
	Add your equipment and implements, including offsets	11-12
	Verify all the fields you will farm this season have been created	13
	Verify boundaries and headlands exist for all fields	14-15
	Verify guidance tracks exist for all fields	16
	Verify all team members have been added with the proper permissions	21-25
	Create harvest Work Plans for all fields	31
	Send Work Plans to your equipment ∞ or export to a USB ≠	33-34
	In the cab:	
	Setup the display	37
	Setup the machine and implement	47
	Setup AutoTrac™ Turn Automation Δ	50
	Setup AutoPath™ (Rows) Δ	54
	Setup Machine Sync Δ	59
	Setup In-Field Data Sharing if more than one machine will be working in the same field ±	64

SETUP

Set up your organisation with the correct equipment, land, products, and connections to ensure data accuracy. Spend time up front to create a solid foundation to maximise the value of planning, monitoring, and analysis tools within Operations Center.

All task instructions are for use through a web browser unless otherwise marked for mobile.

Create an Operations Center Account

1. Go to OperationsCenter.Deere.com in your web browser
2. Click **Create an Account**
3. Select the **Category** and **Focus** that describes your operation
4. Enter your **Username** and **Email Address**, then click **Submit for Email Verification**
5. Enter the **Verification Code** that was sent to your email account, then click **Verify Email**
6. Enter your **Personal Information**, then click **Next Step**: **Create Password**
7. Enter a **Password**, re-enter your **Password** to confirm it, then click **Create Password**
8. Enter your **Organization Name**, then click **Next**
9. Read the Terms and Conditions, check the box to agree to them, then click **Next**
10. Enter **Equipment Serial Number**, then click **Add Equipment** or click **Add Equipment Later**
11. Select your **John Deere Dealer** and enable or disable data sharing with your dealer, then click **Complete Setup**
12. Click **Done**

Introduction to Operations Center Web

Add Equipment

Manage machines, implements, and devices in one place.

1. Click **Setup** > **Equipment**
2. Select the **Machines**, **Implement**, or **Devices** tab
3. Click **+Add**
4. Enter **Serial Number**
5. Enter **Modem** (optional)
6. Click **Add Equipment**

NOTE: Your dealership can help transfer equipment and modems into your organisation. A modem is required to enable Wireless Data Transfer and Remote Display Access capability.

Setting Up Your Equipment

MOBILE

1. Click **Setup** > **Equipment** > **+Add**
2. Enter or scan **Serial Number**
3. Enter **Modem** (optional)
4. Click **Add Equipment**

Setup Equipment and Implement Offsets

Ensure work is documented accurately and automation features like AutoTrac™ are ready for use.

1. Click **Setup** > **Equipment**
2. Select the **Machines** or **Implements**, then select the **Equipment** you want to modify
3. In the pop-up, select the **Characteristics**, then click **Edit**
4. Modify characteristics as necessary
5. Click **Save**

Create a Field

Ensure documentation data is recorded using the same name across all machines for easy sorting and analysis in Operations Center.

1. Click **Setup** > **Land** > **+Add**
2. Select **Field** as location type
3. Select your **Client** or click **Add New Client**
4. Select your **Farm** or click **Add New Farm**
5. Enter the **Field**
6. Click **Save**


Setting Up Your Land

MOBILE

1. Click **Setup** > **Land** > **+**
2. Enter **Field**
3. Select your **Client** or click **Add Client**
4. Select your **Farm** or click **Add Farm**
5. Select your **Boundary** (optional)
6. Click **Save**

Create a Boundary from Previous Operation

Enable easier utilisation of precision ag technologies.

1. Click **Setup** > **Land** > **+Add**
2. Select **Boundary** as the location type
3. Select from **Previous Operation**
4. Select the **Field**, then click **Next**
5. Enter a **Boundary Name**
6. Select the **Operation** that created the boundary
7. Click **Save**

Use the Field Boundaries Guide to determine accuracy and uses of each boundary type

Create a Boundary by Drawing

Denote location of fields for team communications.

1. Click **Setup** > **Land** > **+Add**
2. Select **Boundary** as the location type
3. Select **Draw new**
4. Select the **Field** to associate the boundary, then click **Next**
5. Enter a **Boundary Name**, select **Boundary Status** and **Irrigation**
6. Click **Draw Polygon**, **Draw Circle**, or **Draw Rectangle** buttons on the right side of the map to draw a border around your field
7. If applicable, click **Add Interior Shape**, then use the drawing tools to draw any interior boundaries
8. Click **Save**

NOTE: Boundaries created by drawing are not recommended, and in some cases, cannot be used for certain technology offerings due to accuracy requirements.

TIP: Refer to the "Create a Boundary by Driving" section on page 40 for detailed instructions on creating a driven boundary.

Create a Guidance Track*

Improve work efficiencies and accuracy by better controlling equipment.

1. Click **Setup** > **Land** > **+Add**
2. Select **Track** as the location type
3. Select **Straight Track** or **Circle Track**
4. Select the **Field** the track is associated with, then enter in **implement track spacing**
5. Click **Next**
6. Enter **Track Name**
7. Check **Enable Snap to Boundary** box
8. Draw your track on the map
9. Click **Save**

**Use this method when using RTK recorded boundary. Infield generation recommended for other boundary types.*

Add Field Headlands

Manage your headlands offboard and share them across the fleet.

1. Click **Setup** > **Land**
2. Click the **Boundaries** tab, then click on the **Field Boundary**
3. Under Exterior, select **Headland**, then select the **Headland Type**
   - For Constant Offset, enter **Offset**
   - For Top & Bottom Offset, enter **Heading Angle**, **Top Offset**, and **Bottom Offset**
4. Click **Save**

TIP: Headland management in Operations Center makes it easy to benefit from Section Control, AutoTrac™ Turn Automation, and AutoPath™.

Add a Flag

Highlight in-field obstacles and crop conditions.

1. Click **Setup** > **Land** > **+Add**
2. Select **Flag** as location type
3. Select **Flag Type** and **Field Associated**, then click **Next**
4. Select existing **Flag Category** or click **Edit Flag Categories**
5. Click on the **map** to drop flag
6. Enter **Notes** (optional)
7. Click **Save**

MOBILE

1. Click **Map** > **Flag+** icon
2. Click on the map to drop flag
3. Select **Category** or click **+Add** to create a new flag category and custom flag color
4. Select **Field**, and enter **Notes**
5. Add a **photo** (optional)
6. Click **Save**

Add a Product

Manage all inputs (seed varieties, fertilisers, chemicals) used in your operation for accurate documentation.

1. Click **Setup** > **Products** > **+Add** > **Products**
2. Search for desired product by **name**, **crop type**, or **brand**
3. Select the **product** you want to add. Click **Add Product**.
4. If not found, click **+ Add Custom Variety / Chemical / Fertilisers**, enter additional details, then click **Save**

Setting Up Your Products  Part 1  Part 2

MOBILE

1. Click **Setup** > **Products** > **Varieties / Chemicals / Fertilisers** > **+**
2. Enter **Product Name** in the search bar
3. Select the **Product**, then click **Save**
4. If not found, click **+ Add Custom Variety / Chemical / Fertilisers**, enter additional details, then click **Save**

Add a Tank Mix

Plan product totals by tank or by area and document accurate product rates.

1. Click **Setup** > **Products** > **+Add** > **Tank Mix**
2. Enter **Name**
3. Select **Target Crops**, enter **Overall Application Rate** and **Tank Size**
4. Enter **Notes** (optional)
5. Select the **Carrier**
6. Click **Select Products**, select the **Product(s)** to include, then click **Save Products**
7. Enter **Application Rate** or **Amount per Tank** for each product
8. Click **Save Tank Mix**

MOBILE

1. Click **Setup** > **Products** > **Tank Mixes** > **+**
2. Enter **Name**
3. Select **Target Crops**, enter **Overall Application Rate**
4. Click **Select Products**, select the **Product(s)** to include, then click **Done**
5. Enter **Application Rate** for each product
6. Select **Carrier**
7. Enter **Notes** (optional)
8. Click **Save**

Add a Dry Blend

Get accurate calculations of each product in the blend, as well as accurate documentation of your applications.

1. Click **Setup** > **Products** > **+ Add** > **Dry Blend**
2. Enter **Name**
3. Select **Target Crops**, enter **Area to Apply**
4. Enter **Notes** (optional)
5. Click **Select Products**, click the **Products** to include, then click **Save Products**
6. Select **Input by Application Rate** or **Input by Amount**
7. Enter **Application Rate** or **Product Amount** for each product
8. Click **Save Dry Blend**

MOBILE

1. Click **Setup** > **Products** > **Dry Blend** > **+ Add**
2. Enter **Name**
3. Select **Target Crops**
4. Click **Select Products**, click the **Product(s)** to include, then click **Done**
5. Enter **Application Rate** or **Product Amount** for each product
6. Enter **Notes** (optional)
7. Click **Save**

Add a Staff Member

Add personnel to help run your organisation.

1. Click **Setup** > **Team** > **+Add** > **Staff Member**
2. Enter the **Staff Member Email Address**, select the **check box** if they'll also be an operator and enter **Operator Name** and **Operator License** (optional), then click **Next**
3. Select the appropriate **Access Levels**, then click **Next**
4. **Assign partners** that the staff member can work with, then click **Done**


Setting Up Your Team

MOBILE

1. Click **Setup** > **Team** > **Staff** > **+**
2. Enter the **Staff Member Email Address**, select the **check box** if they'll also be an operator and enter **Operator Name** and **Operator License** (optional), then click Next
3. Select the appropriate **Access Levels**, then click **Next**
4. **Assign partners** that the staff member can work with, then click **Done**

Add an Operator

Add operators to your organisation if you have team members who do work for you, but do not necessarily need access to your organisation in Operations Center.

1. Click **Setup** > **Team** > **+Add** > **Operator**
2. Select a **Staff Member** from the drop down menu or click **Add New Operator**
3. Enter **Operator Name** and **Operator License** (optional)
4. Click **Save**

MOBILE

1. Click **Setup** > **Team** > **Operators** > **+**
2. Enter the **Operator Name**
3. Enter **Operator License** (optional)
4. Click **Save**

Add a Partnered Organisation

Allow trusted advisors to support your organisation more efficiently.

1. Click **Setup** > **Team** > **+Add** > **Partner Organization**
2. Select **Grant Access** or **Receive Access**, enter the **Partner Organization's Email Address**, then click **Next**
3. Select the desired **Access Levels**, then click **Next**
4. Click **Done**

MOBILE

1. Click **Setup** > **Team** > **Partners** > **+**
2. Select **Grant Access** or **Receive Access**, enter the **Partner Organization's Email Address**, then click **Next**
3. Select the desired **Access Levels**, then click **Next**
4. Click **Done**

Add a Dealer

Enable proactive service, customised support, insights, and training.

1. Click **Setup** > **Team** > **+Add** > **Dealer**
2. Click **Select Dealer**, then search for your dealership
3. Find the correct store location, then click **Select Dealer**
4. If you would like to share data with this dealer, select **Yes**
   - Click **Next**, then select the desired **Access Levels**, then click **Next**, then click **Done**
5. If you do not want to share data with this dealer, select **No**, then click **Done**

MOBILE

1. Click **Setup** > **Team** > **Dealers** > **+**
2. Select **Grant Access** or **Receive Access**, enter the **Partner Organization's Email Address**, then click **Next**
3. Select the desired **Access Levels**, then click **Next**
4. Click **Done**

Edit Team Access Level

Control who has access and how much access they have to your organisation.

1. Click **Setup** > **Team**
2. Click on the **Staff**, **Partner**, or **Dealer** you want to change access for
3. Click **Access**, then click **Edit**
4. Modify **Access Levels** as desired
5. Click **Save**

Suggested Access Levels by Role

Role	Equipment	Organisation	Location	Work
Farm Manager / Owner / Administrator	Level 3 + RDA + WDT and Setup	Level 2	Level 3	Level 2
Agronomist	Level 1 + RDA (WDT and Setup Optional)	Level 1	Level 3	Level 2
Technician	Level 2 + RDA	Level 1	Level 1	Level 0

Enable AutoPath™

Allow Operations Center to process and create AutoPath™ lines.

1. Click on **Organization Name**, then click the **gear symbol**
2. Select **Feature Enablement** tab, then click the **toggle** to enable AutoPath™

Create a New Setup File

Define work details for more accurate documentation and less setup time in the field.

1. Click **Setup** > **Setup File Creator**
2. Select **Display Type**, enter a **File Name**, select from **Create New** or **Create from Existing**, then click **Start**
3. Select the **land features** that you'd like to include, then click **Next**
4. Select the **machines and implements** in their respective tabs, then click **Next**
5. Select **products and/or mixes** from their respective tabs, then click **Next**
6. Select the **operators** (optional), then click **Next**
7. Click **Create File**
8. If your machine has Wireless Data Transfer (WDT), click **Create and Send**
9. If you manually transfer files via USB, click **Create Without Sending**

Creating a Setup File

Send Setup Files to Equipment using Wireless Data Transfer

Requirement: JDLink™ connected machine

Send defined work details to machine display(s) remotely from your computer to aid in clean data collection.

1. Click **...More** > **Files**
2. Select the **setup files** you want to send
3. Click **Transfer to Equipment**
4. Select the **machines** you want to send files to, then click **Transfer**

Export a Setup File to USB

Load defined work details to machine display(s) to aid in clean data collection.

1. Click **...More** > **Files**
2. Select the **setup files** you'd like to download, then click **Download**
3. Convert and download file to use with John Deere Data Manager
4. Select your **USB drive** as the download location and click **Download**
5. Retrieve your **file** and move to a **USB drive**

TIP: Talk to your local John Deere dealer to equip your machine with a modem to enable Wireless Data Transfer.

Add a Connection

Minimise the need to manually import/export data or use multiple software platforms to manage your operation.

1. Click **Setup** > **Connections**
2. Search for the company or software you'd like to connect, then click **Connect**
3. Each connection is different, but you'll have to select **Connect**, then click **Login** on the connected software's platform and click **Agree** to connect your accounts

Use Data Sync

Sync work details stored on all displays in your fleet, ensuring that data shows up in Operations Center for easy use.

1. Click **Setup** > **Data Sync**
2. Read the overview to understand how Data Sync works, then click **Next**
3. Review the organisation's setup data, then click **Next**
4. Select the **Import Settings**, then click **Next**
5. Select the **displays** you want to enable Data Sync on, then click **Enable Displays**

NOTE: It is very important to review the data before syncing to ensure it is clean and accurate.

Data Sync Help Documentation

Create a Geofence and Curfew

Get notified when equipment leaves its defined location or works outside its designated times.

1. Click **Setup** > **Geofences and Curfews**
2. Click **+** next to Create New
3. Enter **Name**
4. Click the **Pointer** or **Rectangle** button, then draw the **Geofence shape** on the map
5. Select the **alerts** you want enabled
6. Click **Add Operating Time Frame** and enter the **Day** and **Time**
7. Select **machines** you want the geofence to apply to
8. Click **Save**

PLAN

Plan work to collect high-quality data, save time, and reduce operator mistakes in the field. Spend more time working in the field and less time setting up the display to document work.

All task instructions are for use through a web browser unless otherwise marked for mobile.

Create a Work Plan

Requirement: Gen 4 and newer displays

Define and automatically populate work details for more accurate documentation and less setup time in the field.

1. Click **Plan** > **Work Planner**
2. Select **Year** and **Work Type** you want to plan, then click **+Plan**
3. Select the **field(s)** you want to plan for, then click **Next**
4. Add all **work details** possible
5. Click **Save**

MOBILE

1. Click **Plan**
2. Select **Year** and **Work Type**, then click **+**
3. Select the **field(s)** you want to plan work for, then click **Next**
4. Add all **work details** possible
5. Click **Save work**


Using Work Planner

Edit a Work Plan

Update work details as plans change to ensure accurate documentation.

1. Click **Plan** > **Work Planner**
2. Select the **Year** and **Work Type**
3. Click on the **Work Plan** you want to edit
4. Modify **work details** as needed, then click **Save**
5. If the Work Plan was already pushed to the machine, **resend** the Work Plan to the machine

MOBILE

1. Click **Plan**
2. Select the **Year** and **Work Type**
3. Expand the Work Plan you want to edit, then click **Edit Work**
4. Modify **work details** as needed, then click **Save Work**
5. If the Work Plan was already pushed to the machine, **resend** the Work Plan to the machine

Send Work Plans to Equipment using Wireless Data Transfer

Requirement: JDLink™ connected machine

Send defined work details to machine display(s) remotely to eliminate the need for thumb drives.

1. Click **Plan** > **Work Planner**
2. Select **Year** and **Work Type**
3. Select the **Work Plan(s)** you want to send
4. Click **Send to Equipment**
5. Select the **machine(s)** you want to send Work Plans to, then click **Send**

MOBILE

1. Click **Plan**
2. Select **Year** and **Work Type**
3. Select the **Work Plan(s)** you want to send, then click **Send**
4. Select the **machine(s)** to send Work Plans to, then click **Next**
5. Click **Send**

Export a Work Plan to USB

Load Work Plans with work details on machine display(s) to increase documentation accuracy for non-connected equipment.

1. Click **Plan** > **Work Planner**
2. Select **Year** and **Work Type**
3. Select the **Work Plan(s)** you want to export
4. Click **Send to Equipment** > **Send**
5. Click **More** > **Files**, then click **Go to Files**
6. Select the **Work Plan .zip** files, click **Download**, select the **download location**, then click **Download**
7. Retrieve the file from the **selected location** and move to a **USB drive**

Create an Application/Seeding or Tillage Prescription

Requirement: variable rate compatible equipment, product(s) added prior to launching TELUS Agronomy Prescription Creator

Optimise the placement of inputs, reducing unnecessary expenses in historically lower-yielding areas of the field while maximising economic benefit in high-performing areas.

1. Click **Plan** > **TELUS Agronomy Prescription Creator**
2. Select **Prescription Type**
3. Select **Organization**, **Client**, **Farm**, **Field**, and **Field Boundary**
4. Select your **Prescription Source** and **necessary information**, then click **Next**
5. Manually edit **zones**, **merge zones**, and **add operation specific information**
6. Click **Save**, then **Save and Close**

Creating Prescriptions

IN THE CAB

Set up your display properly to ensure you can take full advantage of the technology suite that is available to you. Make sure you understand what technology is available for you to use on all your equipment.

Display Setup

Set up your display and input the correct information to collect clean and accurate data.

TIP: Enable Data Sync and utilise Work Planner to minimise the amount of setup work required in the cab.

Select Client/Farm/Field

1. Click **Menu** > **Applications** > **Work Setup**
2. Click under **Location**, select the correct **Client, Farm, Field**, then click **OK**

If your Client, Farm, or Field is not listed, follow steps 3-10.

3. Click **View All**
4. For a new client, click **Client** > **Edit Clients** > **New Client**
5. Enter **Client Name**, then click **OK**
6. For a new farm, click **Farm** > **Edit Farms** > **New Farm**
7. Enter **Farm Name**, then click **OK**
8. Click **Save**
9. For a new field, click **Field** > **New Field**
10. Enter **Field Name**, then click **OK**
11. Click **Save**, then **OK**

Setup Equipment

1. Click **Menu** > **Applications** > **Work Setup**
2. Click **Equipment**, then click the **Machine Profile**
3. Fill out the **Machine Profile** by editing any white boxes
4. Click **Save**

Setup Implement

1. Click **Menu** > **Applications** > **Work Setup**
2. Click **Equipment**, then click the **Implement Profile**
3. Fill out the **Implement Profile** by editing any white boxes
4. Click **Save**

NOTE: If your implement doesn't have an ISOBUS (wiring harness) connection, you'll set up a virtual implement by selecting Add Implement and following the on-screen steps.

Setup Work Details

Operator

1. Click **Menu** > **Applications** > **Work Setup**
2. Click the **image of a person** under Details
3. Select the **Operator's Name**, then click **OK**

If Operator Name isn't listed, add a new Operator by following steps 4-7.

4. Click **Add Operator**
5. Click the white box by **Name**, enter **Operator Name**, then click **OK**
6. Click the white box by **License**, enter **License Number**, then click **OK** (optional)
7. Click **Save**

Season

1. Click the **Season** under Details
2. Click **Left** or **Right Arrows** to select the year, then click **OK**

Create a Boundary by Driving

1. Drive to the starting point of the boundary
2. Click **Menu** > **Applications** > **Fields & Boundaries**
3. Click **Create Boundary**
4. Click **Create Driven Standard Boundary**
5. Click **OK**
6. Click white box under **Name** and enter **boundary name**, then click **OK**
7. Choose **Offset Point**
8. Click the **arrow** for side of offset location
9. Enter the **boundary offset** and click **OK**
10. Click **Start Recording**
11. Drive the **boundary** and click **Save**

Select or Create Guidance Track/AutoPath™ Lines

1. Click **Menu** > **Applications** > **AutoTrac™ Guidance**
2. Click **Set Track**
3. Select a **track** from the available list and click **OK**

To create new Track, complete steps 4-8.
To create a New Track Set, follow steps 9-13.

4. Click **New Track**
5. Select the **Guidance Method**
6. To change the name of the track, click the pencil under **Track Name** and click **OK**
7. Verify the **Field** and **Guidance Line Calculation**, then click **OK**
8. Follow the instructions in the red box to **Record a New Track**
9. Click **New Track Set**
10. To change the name of the track set, click the pencil under **Track Set Name** and click **OK**
11. Click **Add Track**
12. Select **track** from list and click **Save**
13. Repeat until you have added each track you would like to add

Work Summary—Tillage

1. Click **Menu** > **Applications** > **Work Setup**
2. Click into the box of the ground engaging component
3. To set your target rate or use a prescription, click **white box** next to **Target Rate/Rx**
4. If using a controller rate, click **Set** and fill out appropriate information
5. If using a prescription, click into the **white box** next to **Rx**
6. Select the **correct prescription**
7. Click **OK**
8. Verify information and click **Save**
9. Verify information and click **X**

Work Summary—Planting

1. Click **Menu** > **Applications** > **Work Setup**
2. To edit your crop type, click the white box next to **Crop**
3. Find your crop in the list, select it, then click **OK**
4. To add the variety, click the white box next to **Variety**
5. Add up to six **varieties** by clicking into the white box **Single**, **Dual**, or **Custom** boxes and typing in the variety, then click **OK**
6. For Custom, after entering the variety name, check the boxes to **assign the variety** to the appropriate rows
7. Click **Target Rate/Rx**
8. If using a controller rate, click **Set** and fill out appropriate information
9. If using an **Rx**, click into white box
10. Select the **correct prescription**
11. Click **OK**
12. Verify information and click **Save**

Work Summary—Application

1. Click **Menu** > **Applications** > **Work Setup**
2. To edit your crop type, click the white box next to **Crop**
3. Find your crop in **All Crops** list, select it, then click **OK**
4. Select **Single Product** or **Tank Mix**

If applying a single product, complete steps 5-11.
If using a tank mix, complete steps 12-18.

5. If using a single product, click the circle next to **Single Product**
6. Click white box next to **Product Name**
7. If on the pre-populated list, select the **product** you are applying from list and click **OK**
8. If product is not on the pre-populated list, click **All Products**
9. Select the **Product Type**
10. Select the **product** you are applying from the **Product Name**
11. Click **OK**
12. If using a tank mix, click the circle next to **Tank Mix**
13. If tank mix is not on the pre-populated list, click **New Tank Mix**
14. Enter **Tank Mix Name** and click **Next**
15. Enter **Tank Mix Rate** and ensure you have selected the correct units, then click **OK**
16. Select your **carrier**, then click **OK**
17. Click **Add Product** to add all other products in your **Tank Mix** (refer to steps 9-11) after clicking **+ Add Product**
18. Click **OK**

Work Summary—Harvest

1. Click **Menu** > **Applications** > **Work Setup**
2. To edit your crop type, click the white box next to **Crop**
3. Find your crop in the list, select it, then click **OK**
4. To add the variety, click the white box next to **Variety**

If harvesting a single variety, complete steps 5-8 and 13.
If using a Variety Locator Map, complete steps 9-13.

5. For single variety, click the white box next to **Single Variety**
6. If on the pre-populated list, select the variety you are harvesting and click **OK**
7. If product is not on the pre-populated list, click **Add Variety** and enter variety name, then click **OK**
8. Click **OK** three times to return to **Work Setup Menu**
9. For **Variety Locator Map**, click the white box next to **Variety Locator Map**
10. Click the white box under **Variety Map**
11. Select the correct **variety map** from list
12. Click **OK** three times to return to Work Setup Menu
13. Select the **Harvest Unit**, then click **OK**

Edit Shortcut Bars

1. Click **Menu** > **Applications** > **Layout Manager**
2. Click **Shortcut Bars**
3. Click **Create New Shortcut Bar** or edit the **Default Shortcut Bar** by clicking the **pencil**
4. Follow the on-screen instructions to **add a new shortcut**, **move existing shortcuts to a new area** or **remove shortcuts**
5. Click **Save**

Machine and Implement Setup

Ensure you have input the correct measurements and calibrated your machine and implements to gather accurate data.

Perform Machine Measurements and Calibrations

1. Complete the relevant measurements from the list below and input into the **Machine Profile** or **Implement Profile**
   - Working Width
   - GPS Lateral Offsets
   - Pivot Offsets
   - GPS Height and Fore/Aft
   - Centre of Rotation
2. Perform a TCM Calibration by clicking **Menu** > **Applications** > **StarFire™** > **Advanced TCM Calibration** > **Begin Calibration**
3. Follow the on-screen instructions

StarFire™ Advanced TCM Calibration

Add Implement Receiver

1. Click **Menu** > **Applications** > **Work Setup**
2. Click **Equipment**
3. Click into the **Implement Profile**
4. Scroll to **Implement Receiver**
5. Click **Add Receiver Mount**
6. Enter your **Lateral Offset** and **Inline Offset**
7. Ensure a **GPS Receiver** is selected
8. Click **OK**
9. Toggle Implement Guidance **ON**
10. Return to **Menu**
11. Click **Applications** > **StarFire™**
12. Click into **Connected Receiver**
13. Click **Setup**
14. Enter **Fore/Aft** and **Height** measurements
15. Click **X**
16. Perform a **TCM Calibration** (see page 47)

Setup Rate Controllers

1. After display boots, wait for the Equipment Detected pop up and click **Next** to begin setup
2. Click **Add Implement** and select the **Implement Profile**, then click **OK**
3. Select the **Implement** from the Connected Equipment list and click **OK**
4. Modify settings within **Implement Profile** as needed and click **Save**
5. Monitor performance and adjust settings by clicking **Menu** > **Applications** > **ISOBUS VT**

TIP: Create an ISOBUS VT run page to easily access performance and settings.

AutoTrac™ Turn Automation (ATTA)

Increase operator efficiency and precision by planning and executing accurate and consistent turns pass after pass.

AutoTrac™ Turn Automation Display Setup

Complete Required Display and Equipment Setup

1. Measure and enter all **machine and implement dimensions** (see page 47)
2. Perform a **TCM calibration** (see page 47)
3. Enter **Client / Farm / Field** (see page 37)

Setup Headland Boundary

1. Click **Menu** > **Applications** > **Fields and Boundaries**
2. Click within the **large white boundary box**
3. Click the **pencil** to edit the Exterior boundary
4. Select a **Headland**
   - For Constant Offset, enter **Offset**
   - For Top & Bottom Offset, enter **Heading Angle**, **Top Offset**, and **Bottom Offset**
5. Click **Save**

Setup Headland Sequences

1. Click **Menu** > **Applications** > **AutoTrac™ Turn Automation**
2. Within **Headlands**, click **Enter**
3. Click to add a **New Sequence**
4. Click to **Add Step**
5. Scroll to select a **Function**
6. Select the **Action**
7. Enter the corresponding information and click **OK**
8. Click **Next**
9. Name the **Sequence** and click **OK**
10. Click **Save**
11. Within **Headlands**, click **Exit**
12. Repeat steps 3-10 to complete the implement function setup

Adjust Turn Settings

1. Click **Menu** > **Applications** > **AutoTrac™ Turn Automation**
2. Click **Aggressiveness setting**
3. Adjust **aggressiveness settings** as needed and click **X**
4. Click within **Start Turn**
5. Adjust **start turn settings** as needed and click **X**
6. Ensure Speed Control is turned **ON**
7. Click **within Max Turn Speed**
8. Click the editable **white box**
9. Enter desired **Max Turn Speed**
10. Click **OK** and click **X**
11. Click **within Max In-Field Speed**
12. Click the editable **white box**
13. Enter desired **Max In-Field Speed**
14. Click **OK** and click **X**

Turn ATTA On

1. Click **Menu** > **Applications** > **AutoTrac™ Turn Automation**
2. Click **ON**

Adjust Turn Direction and Skip Row

1. While utilising ATTA, view the circle turn arrow on the run page
2. Click the **circle turn arrow**
3. Adjust turn direction by clicking on the **correct arrow**
4. To add skip rows, click the **turn arrow** in the direction you want to turn
5. To remove skip rows, click the **opposite direction arrow**

AutoPath™ (Rows)

Gain unparalleled accuracy through auto-generated guidance lines based on actual planted crop rows. AutoPath™ decreases set-up time, streamlines the operation, and reduces crop damage. Regardless of equipment width, you'll know exactly which rows to start on throughout the entire crop season, eliminating guesswork and maximising overall performance and efficiency.

AutoPath (Rows) Display Setup

Complete Required Display and Equipment Setup

1. Verify **Machine and Implement** profiles are complete with accurate measurements (see page 47)
2. Verify **implement receiver** has been added and setup (see page 48)
3. Perform an **advanced TCM calibration** (see page 48)

Enable AutoPath™ Recording on Display during Source Operations

1. Click the **Information & Settings** button in the **Work Setup** ribbon
2. Click **Settings**, then click **Enable AutoPath™ Recording Status**
3. Click **X**
4. If the light is green in the **AutoPath™ Recording** section, you're ready to record
5. If the light is red, click on the **light** to see what still needs set up
6. The first four line items need a green check mark to be ready to record
7. Click the **arrow button** for each line to go to the page to input settings

NOTE: The attention icon next to Verify Implement Fore/Aft and Height may remain on, even while recording AutoPath™ lines.

Utilise a Planned Work Plan

1. After pulling into the field boundary, prior created Work Plans will auto-populate with the AutoPath™ lines included

NOTE: Work Plans are the easiest method of receiving AutoPath™ lines for later passes. See instructions for creating Work Plans in Operations Center on page 31.

Select AutoPath™ for Guidance

1. Click **Menu** > **AutoTrac™ Guidance** > **Set Track**
2. Click **AutoPath™**, then click **OK**
3. Click **Set Track**, then click **pencil** to edit AutoPath™
4. Click **Generation**, then select **Rows – optimize for fewest paths** or **Rows – follow source operation paths**
5. Click **OK**, then click **OK**
6. Click AutoTrac™ **ON**, then click **X**

Engage AutoTrac™

1. Begin driving until the guidance line you want to follow turns white
2. Click the **AutoTrac™ resume button** to engage

AutoTrac™ Implement Guidance

Improve implement accuracy by reducing drift using AutoTrac™ Implement Guidance. Have the confidence that you are maximising your inputs by putting them right where they need to be pass after pass.


AutoTrac Implement Guidance Display Setup

Complete Required Display and Equipment Setup

1. Verify **Machine and Implement** profiles are complete with accurate measurements (see page 47)
2. Verify **implement receiver** has been added to the profile and setup accurately (see page 48)
3. Perform an **advanced TCM calibration** (see page 47)

Turn On AutoTrac™ Implement Guidance

1. Click **Menu** > **Applications** > **AutoTrac™ Guidance**
2. Click **Information and Settings**
3. Under AutoTrac™ Implement Guidance, click **ON**
4. Click **X**, then under AutoTrac™, click **ON**
5. Click **X**

Engage AutoTrac™

1. Begin driving until the guidance line you want to follow turns white
2. Click **AutoTrac™ resume button** which automatically engages AutoTrac™ Implement Guidance

Optimise AutoTrac™ Implement Guidance Sensitivity

1. Click **Information & Settings** at the top of page
2. Click the **steering wheel button** under AutoTrac™ Steering Optimisation.
3. Click **Implement Steering** and **adjust settings** as desired

NOTE: Setting definitions can be found in the help docs accessed by clicking the Info Icon at the top of the page.

Machine Sync

Confidently unload crops on the go through reliable and automated machine-to-machine synchronisation during a harvest operation using Machine Sync. Find peace in knowing that the system will keep the machines a safe distance apart from one another during the unloading process.


Machine Sync Display Setup

Enable Machine Sync—Leader

1. Go to **Menu** > **Applications** > **Machine Sync**
2. Toggle Machine Sync Switch to **ON**
3. Edit the **Network Name** and **Password**

NOTE: Each machine in the work group must have Machine Sync turned on and have a High Connectivity Machine Sync Antenna installed

Define Operational Zone—Leader

1. **Machine Sync** > **Information & Settings**
2. Select **U-Shaped Operational Zone Override Toggle**
   · Combine/Tractor – Off
   · Two Tractors – On
   · SPFH – On
3. Input **operational zone width** and **length**

NOTE: If harvesting with a combine, the default operational zone with this toggled off is on the left of the combine.

Set the Home Point—Leader

Single Home Point (Combine/Tractor)

1. Select **Set Home Point** when the tractor has reached desired unloading position

Multiple Home Points – U Shape (Two Tractors / SPFH)

1. Select **Set** on Set/Engage toggle
2. Select **#** of home points
3. To change an active home point, select **Engage** on Set/Engage toggle
4. Select **#** of home points

Engage Machine Sync—Leader

1. When the Follower engages the AutoTrac™ resume button inside of the operational zone, the Machine Sync light will turn from green to blue
2. The leader can now control and **nudge the follower** to desired locations for an even fill

Nudging—Leader

1. Click **Information & Settings**
2. Adjust the **Inline** and **Lateral Increment** to your preferred setting
3. Click **X**
4. When the follower has engaged AutoTrac™ in the operational zone and has been "captured", the leader can nudge the follower with the directional buttons

Join the Work Group—Follower

1. Click **Menu** > **Applications** > **Sharing**
2. Click box to **Enable Sync to Operations Center** and **Enable Sync from Operations Center**
3. Click **X** > **Work Setup**
4. Click into **Machine Profile**
5. Click **Add Implement**
6. Create a virtual implement *(Do NOT select Yes for the "Cart" configuration. This is for setting up an Air Cart)*
7. Select **Add Operation**
8. Set Operation Type to **Harvesting**

NOTE: To gain In-Field Data Sharing insights while using Machine Sync, ensure that all machines in the same work group have their operation set to "Harvesting." This can be done by setting up a virtual implement on the tractors.

Enable Machine Sync—Follower

1. Go to **Menu** > **Applications** > **Machine Sync**
2. Toggle Machine Sync Switch **ON**

NOTE: Machine Sync must be turned on in each machine involved in the work group.

Join the Leader's Network

1. In Machine Sync Menu, select the **network** under **Selected Leader**
2. Select the **correct network** from the list
3. Enter the **password** set in the leader's machine

Define the Tractor's Role—Follower

1. In the Machine Sync Menu, select **Information & Settings**
2. Scroll down to **Tractor Role Setting**
3. Depending on Operation Type, select:
   · Tractor is Leader
   · Tractor is Follower

Ensure Controlled Traffic is Enabled for Follower (optional)

1. Make sure Machine 1 and 2 are in the same work group
2. Create a **new guidance line** in Machine 1 and **share** to Machine 2 (guidance lines only need to be pushed if created after work groups are joined)
3. Select an **existing line** and share the **guidance line** with Machine 2 using the **cloud icon**
4. Have Machine 2 use the guidance line and then **shift it** (shifts are only used by the receiving machine once the line is not actively being used for AutoTrac™ and selected again)

Engage Machine Sync—Follower

Follower

1. Drive into the **operational zone** (outlined in orange on the display)
2. Click the **AutoTrac™ resume switch** to engage when the status indicates that it is ready
3. Machine Sync light will change from green to blue to indicate the machine is being controlled

NOTE: Follower is recommended to set a max speed twice that of the leader and to set throttle to full for best Machine Sync performance.

In-Field Data Sharing

Ensure that operators are working efficiently by sharing as-applied maps and guidance lines between machines use for tillage, planting, application, and harvesting.

In-Field Data Sharing Display Setup

Complete Required Display and Equipment Setup

1. Choose the **Client/Farm/Field** you are operating in (see page 37)
2. Enter **Operator Name** (see page 39)
3. Enter **machine and implement dimensions** (see page 47)
4. Enable sharing by clicking **Menu** > **Applications** > **Sharing**

Share Work

Join Work Group

Work Group data is shared automatically based on the field selected and operations type

- Planting – Field selection and crop type
- Harvest – Field selection and crop type
- Application – Field selection and product or tank mix name

Select from Shared Work List

1. Click **Menu** > **Applications** > **Work Setup** > **Work List**
2. Select the work from the geospatially sorted **Share Work List**

Share Guidance Lines and Shifts

1. Click **Cloud icon** > **Guidance Line List**
2. Use shifts from other machines
3. Deselect and reselect the guidance line from the **Guidance Track List** or **Swap Track**

MONITOR

Monitor equipment and work progress in Operations Center to proactively identify issues that could cause downtime, keeping your equipment running more efficiently throughout the season.

All task instructions are for use through a web browser unless otherwise marked for mobile.

Monitor Your Equipment

View machine utilisation, performance, diagnostic trouble codes (DTCs), and maintenance information.

1. Click **Map** > **Equipment**
2. Select the **machine** you want to monitor
3. Adjust **Date Filters** as desired
4. Click **Summary** to view utilisation, hours of operation and performance metrics
5. Click **Alerts** to view any machine DTCs
6. Click **Maintenance** to view any maintenance plans
7. Click **Setup** to ensure machine, modem, and display are setup

MOBILE

1. Click **Map** > **Equipment**
2. Select the **machine** you want to monitor
3. Click **Right Now** to view current vehicle details
4. Click **Today** to view utilisation and performance details
5. Click **Work** to view the machine's work history
6. Click **Alerts** to view machine DTCs
7. Click **Setup** to view equipment setup information

Remote Display Access (RDA) into a Machine

Requirement: JDLink™ connected machine

Be confident in work quality, enable quicker problem resolution, and improve service from support personnel and John Deere dealer with reduced labour and travel costs.

1. Click **Map** > **Equipment**
2. Select the **machine** you want to remote into
3. Click **RDA**

MOBILE

1. Click **Map** > **Equipment**
2. Select the **machine** you want to remote into
3. Click **RDA**

Create Machine Custom Alert

Get push notifications on your phone when machines exceed speed and idle time thresholds.

MOBILE

1. Click **Home** > **View All Equipment**
2. Select the **machine** you want to create the alert for
3. Click **Alerts**
4. Click **Add** to the right of any of the Custom Alert options
5. Adjust the settings by clicking **+/-**, then click **Save**

NOTE: You must allow push notifications. This can be enabled on the mobile app by selecting Profile > Alert Settings.

Add Tag(s) to Equipment

Group equipment together for easier monitoring in the map and quicker machine report setup for multiple machines.

1. Click **Map** > **Equipment**
2. Select the **machine** you'd like to tag
3. Click **Manage Tags**
4. Select any **tags** you want to assign to the machine
5. If new tag is needed, click **+Add Tag** and enter **tag name**, select **visibility**, select all **equipment** to add to the tag
6. Click **Save**

View Active Work Progress and Estimated Time Remaining

Requirement: Gen 4 or newer display, 20-3 or newer software, and within a field boundary

Effectively manage work and logistics by knowing when a job will be done.

MOBILE

1. Click **Home**
2. Scroll to **Active Work**
3. See estimated time remaining and progress bar for each field where work is in progress

View Work Plan Progress

View work progress and estimated time until completion for fields with Work Plans.

1. Click **Plan** > **Work Planner**
2. Select **Year** and **Work Type**
3. View the percent completed under **Progress**
4. View the estimated time remaining under **Time to Complete**

NOTE: If the Work Plan is over 98% done, it will be moved from "Planned" to "Completed".

MOBILE

1. Click **Plan** > **Work Planner**
2. Select **Year** and **Work Type**
3. Click **Completed**
4. Expand the **Work Plan** you want to view progress of
5. View the percent completed under **Progress**

ANALYZE

Analyse performance at the end of the season to see how your data-driven decisions influenced your operation's performance. You'll know the productivity of each field and variety, the impact of various inputs on yields, and the utilisation of each piece of equipment. Use this year's data to plan for even better results next year.

All task instructions are for use through a web browser unless otherwise marked for mobile.

Analyse Field and Work Performance Across the Entire Operation

Identify your most productive varieties to assist in building your planting plan for next year.

1. Click **Analyze** > **Work Analyzer**
2. Select the **Operation, Year,** and **Crop Type** (if applicable)
3. View the data at a **Fields**, **Work**, **Varieties**, **Equipment**, or **Operators** level
4. Apply desired **filters** to analyse


Analysing Field Data

Export Reports in Work Analyzer

Generate a report of the currently displayed work, including maps and summary totals.

1. 0.04 inClick **Analyze** > **Work Analyzer**
2. Select **Operation, Year,** and **Crop Type** (if applicable)
3. View the data at a **Fields**, **Work**, **Varieties**, **Equipment**, or **Operators** level
4. Click **Share/Export** > **Download Report**
5. Select the **report type** and **format**, then click **Download Report**

MOBILE

1. Click **Analyze** and select from the **work list**
2. Click the **Share** icon, then select **PDF** or **CSV**
3. Select **Communication Tool** (email, text, etc.) and send to desired recipient

Export Work Data in Work Analyzer

Share bulk work data with your trusted advisers.

1. Click **Analyze** > **Work Analyzer**
2. Select **Operation, Year,** and **Crop Type** (if applicable)
3. Click **Share/Export** > **Work Data**
4. Choose your **Export Location**
5. Select the **Partner** from the drop down list (if applicable)
6. Rename **File Name** if desired
7. Click **Export Work Data**

NOTE: Work Analyzer exports work data in bulk. To export work data from individual fields, utilise Field Analyzer (see page 74).

Share/Export Reports in Field Analyzer

View field-specific work totals, equipment and variety performance, and product information to guide decisions for future passes or next growing season.

1. Click **Map**
2. Select the **Field**, then click **Field Analyzer**
3. Select the **Year** and **Layer** you want to analyse
4. Click **Share/Export**, then click **Download Report**, then click **Download Report**

MOBILE

1. Click **Analyze**, then select **Year** and **Operation**
2. Click on the **Field** you want to analyse
3. Click the **Share** button, then select **PDF** or **CSV** file
4. Select **Communication Tool** (email, text, etc) and send to desired recipient

Share Work Data with a Partner Organisation in Field Analyzer

Share work data with partnered trusted advisers to analyse productivity and performance.

1. Click **Map** > click the **Field** you want to analyze > **Field Analyzer**
2. Click **Share/Export** > **Work Data**
3. Click **Share Work Data**
4. Select the **Partner** to export data to
5. Click **Share Work Data**

Export Work Data in Field Analyzer

Create work data files to share with trusted advisers.

1. Click **Map** > click the **Field** you want to analyse > **Field Analyzer**
2. Click **Share/Export** > **Work Data**
3. Click **Export Work Data**
4. Select the **Export Location**
5. Select the **Partner** from the drop down list (if applicable)
6. Rename **File Name** if desired
7. Click **Export Work Data**

Create a Machine Report

Stay updated on machine performance, technology utilisation, and fuel consumption.

1. Click **Analyze** > **Machine Reports** > **+Add Report**
2. Enter **Report Name**, then select **Report Type**, and **Frequency**
3. Select if you want to receive an **email report**
4. Select the **report format**
5. Select **Make**, **Type**, **Model**, and **Tag** (optional)
6. Click **Save**

Analyse Partial Field Performance with Selected Zone Tool

Review less productive areas within your field to help determine root cause.

1. Click **Map** > click the **Field** you want to analyse > **Field Analyzer**
2. Select the **Operation** (harvest, seeding, application, or tillage) and **Layer** (yield, productivity, etc) to analyse
3. Click the **Selected Zone** tool on the right hand side of the map
4. Use the **tools** to draw around the desired zone
5. Click **Summary** to view differences of the selected area compared to the rest of the field

Compare Two Layers within a Field

Determine the impact of one variable to another within a field.

1. Click **Map** > click the **Field** you want to analyse > **Field Analyzer**
2. Select the **first layer**
3. Click **Compare**
4. Select the **second layer**

Edit Work Data

Modify work details (variety, area, yield, etc) to capture real time data for accurate operational performance analysis.

1. Click **Map** > click the **Field** you want to export data from > **Field Analyzer**
2. Select the **layer** you want to edit
3. In the Summary box, click **Edit** and select the **work detail** you want to modify
4. Make necessary edits, then click **Save**
5. Refresh your browser to view your edits

MOBILE

1. Click **Analyze**, then select the **Field** you want to edit
2. Click the **pencil**, then select the **work detail** you want to edit
3. Make necessary edits, then click **Confirm**
4. Click **OK**

Revert Manual Work Edits

Revert any changes back to machine documented values.

1. Click **Map** > click the **Field** you want to export data from > **Field Analyzer**
2. Select the **Layer** you want to revert
3. In the Summary box, click **Revert**, then click **Revert**

NOTE: The option to revert will only appear if the data has been modified within Operations Center

Analyze Equipment at a Season Level

Optimise your equipment based on usage and performance compared to operational needs.

1. Click **Analyze** > **Work Analyzer**
2. Select **Operation**, **Year**, and **Crop Type** (if applicable)
3. Select **Equipment**
4. Use the **Work Totals** and **Performance** toggle to view equipment data
5. Select the **Machine** to view specific fields where it worked that season

Analyse Fleet Details

Compare machine performance and utilisation across the fleet to identify top performers as well as training opportunities.

Click **Analyze** > **Machine Analyzer**

1. Select **Performance** from the drop down
2. Select the **Date Range** you want to view
3. Click the **down arrow** to expand the Equipment category you'd like to view

Using Machine Analyzer

Manually Upload Documentation Data

Upload data that was collected via USB on John Deere or non-John Deere in-cab displays.

1. Ensure the data you'd like to upload to Operations Center is downloaded on your desktop or on a USB
2. Download Data Manager by clicking ...**More** > **John Deere Data Manager** > **Download**
3. Follow the on-screen prompts to download **Data Manager** to your desktop
4. Login to **Data Manager** using your Operations Center credentials
5. Select **desired folder in** from the **From** drop down menu
6. Select the **folder** the files are in and click **Select Folder**
7. Select the **Organization** you want to upload files to from the **To** drop down
8. Select the **file(s)** you want to upload and click **Upload**
9. Within Operations Center, click ...**More** > **Files** to locate the imported files. Wait for it to say "File processing finished" under Status

Add Completed Work

Record work that was completed without the ability to record with a display.

MOBILE

1. Click **Home**, scroll to the bottom and click **View All Work**, then click the **+**
2. Select the **Field**, **Work Type**, **any work details**, **Work Date**, and **Start Time**
3. Click **Save**

Congratulations!

You're well on your way to realising the value of a connected fleet and using data to optimise your operation. If you would like to learn more about John Deere Precision Ag tools, visit Deere.com.au or Deere.co.nz or reach out to your trusted John Deere Dealer.

If you're experiencing issues, contact:

John Deere Customer Support

Operations Center Global Support Center


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