

PLM Intelligence™

Operator Quick Reference Guide



Introduction

This document is designed as a useful guide for operators to understand the setup and operation of tractors equipped with PLM Intelligence, with specific focus on auto-guidance features and ISOBUS. Telematics and fleet management features available through the MyPLM®Connect portal are also explained.

For a more detailed explanation of these features, please refer to the Software Operating Guide in the monitor or contact your dealer.

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Navigating Display

- 1 Tool Bar
- 2 Run Screen Selection bar
- 3 Notifications
- 4 Run Screen Selection bar
- 5 Lower Left Hand Area
- 6 Upper Left Hand Area



The GNSS top bar icon displays position accuracy status



The connectivity top bar icon displays the current signal strength of the Wi-Fi and cellular connection



The Application Manager allows access to individual applications on the display



The operating status screen displays input and output values for sensors on the machines



The "Menu" screen provides setup and diagnostics for your vehicle, implement, guidance, ISOBUS, connectivity and work conditions



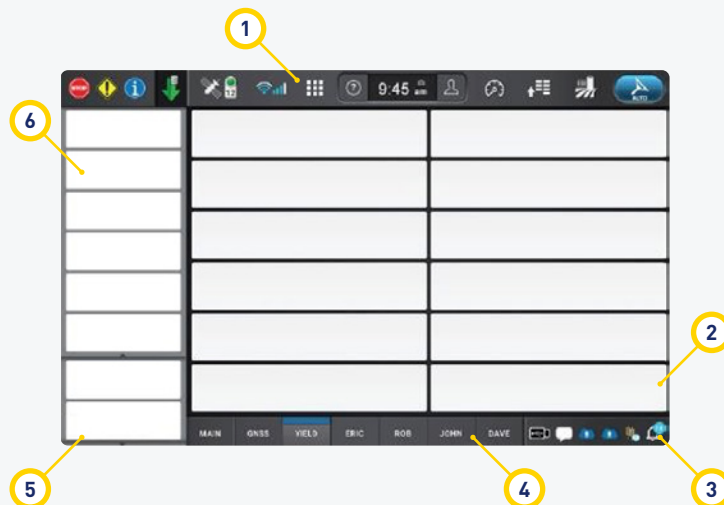
The "Operations" screen allows you view field information, as well as select your vehicle and work condition



Access manuals and videos on your display



Create or modify user profile



Rotate



Pan



Zoom out

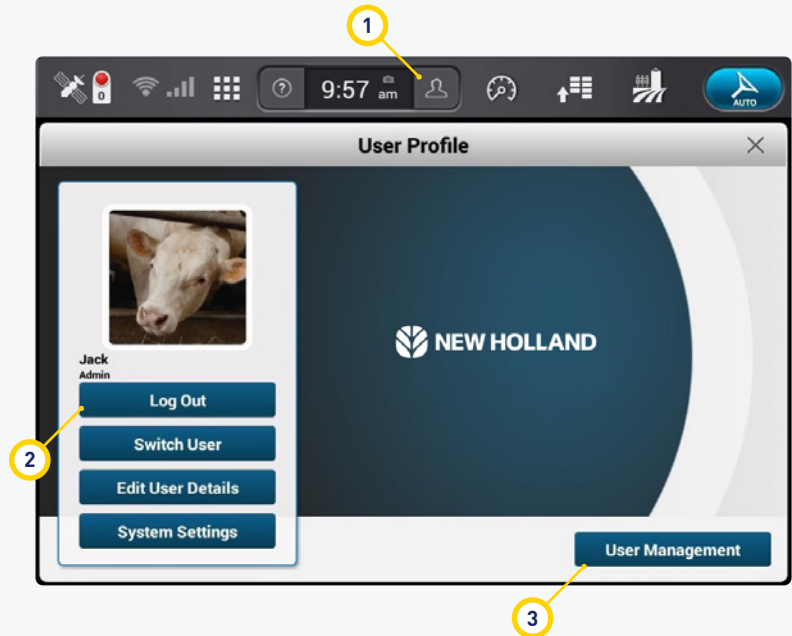


Zoom in



Operator Selection

- 1 Change operator through profile selection
- 2 Similar to Windows user login
- 3 Select user management to add new operator

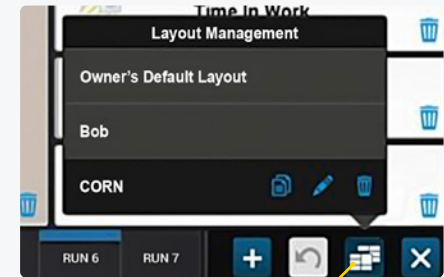


Change units



Edit Layout

Long-press a run screen button. A dialog appears asking if you wish to enter layout editing. You can also edit the name of the Tab within here.



Press the Copy button to clone another operators layout



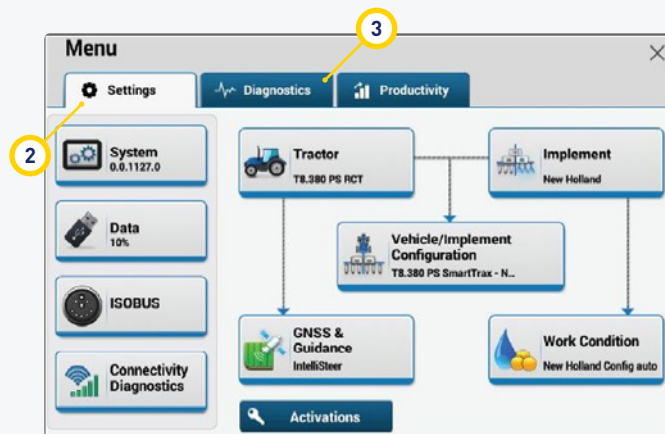
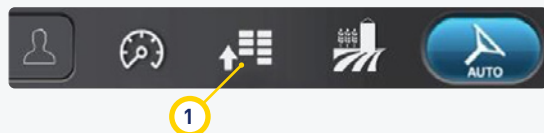
To edit the layout name press the edit button



Delete will erase a layout

Toolbox

- 1 Toolbox
- 2 The 'Settings' tab on the Menu provides access to machine, guidance, and implement setup information
- 3 Additionally, data management and onboard diagnostics are available



Vehicle setup



Vehicle

Tractor

Make: New Holland Model: T8.410

Implement

Implement

Make: New Holland Model: 940

Vehicle Implement Configuration

Tractor - Implement

Work Condition

Implement Config auto

Implement

Implement

Go to Setup

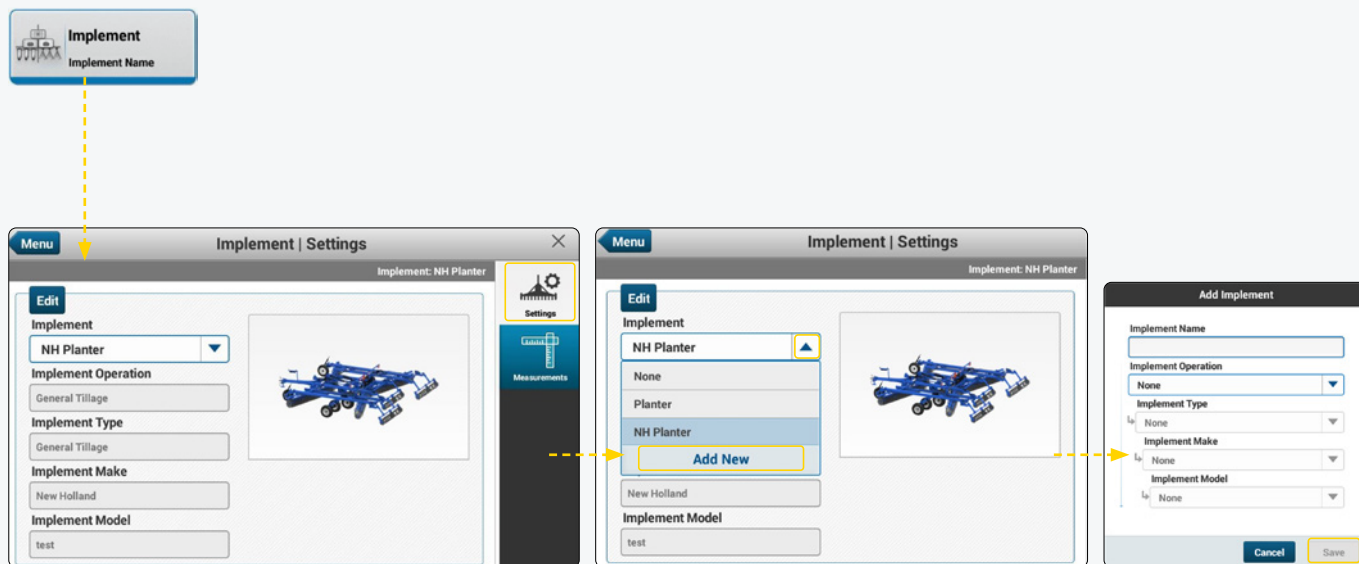
Tractor - Implement

Go to Setup

Tractor - Implement

- 1 Vehicle Info Read only
- 2 Select Implement
- 3 Go to Implement setup
- 4 Machine Configuration
- 5 Machine Implement selection

Implement Setup



Implement Setup Example - Seeder



Center Offset

0.0 cm

Hitch Type

Draw Bar

Draw Bar

3 Point Trailing

Rear 3 Pt-Mounted

Bar Distance ?

600.0 cm

Hitch to Axle Distance ?

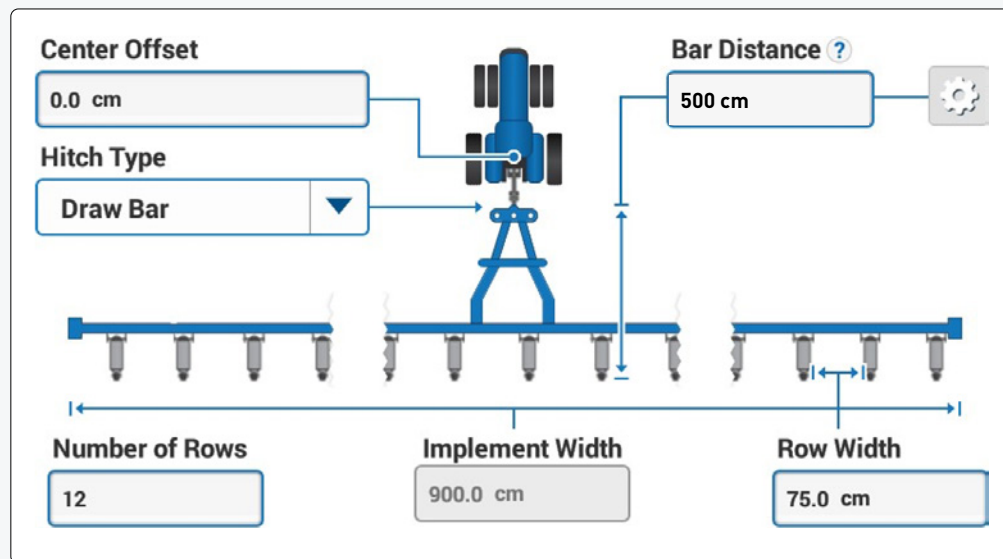
450.0 cm

Width

400.0 cm

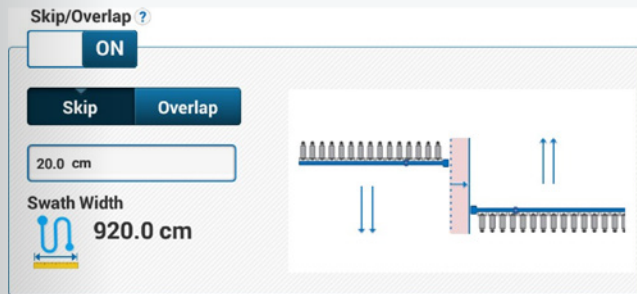
NOTE: Depending upon the implement type and the specific distance setting you are configuring, additional screens may appear. Also, the implement may load some of the configurations automatically.

Implement Setup Example - Planter



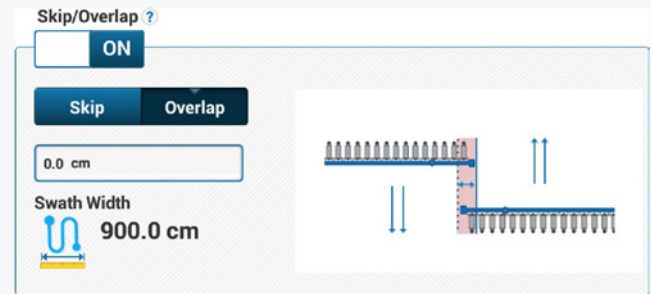
Implement Setup – Skip/Overlap

Configure a Skip



Press the “Skip” button to configure a gap between rows.

Configure Overlap

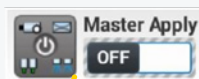
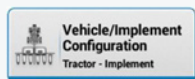


Press the “Overlap” button to configure overlap between rows.

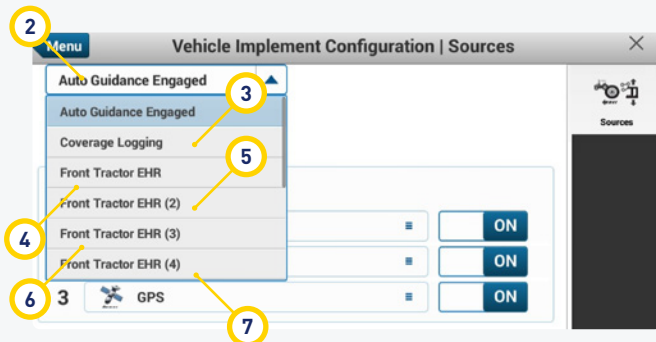
The swath width is read-only and is based upon the implement width and the skip/overlap value. The swath width is calculated as the implement width plus the skip, or the implement width minus the overlap.

Vehicle/Implement Configuration

Work Control (Coverage logging)

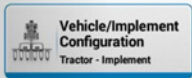


1



- 1 Master Apply – Work will begin when you turn on the “Master Apply” window from a run screen. The master apply switch is only available if there is an ISOBUS controller detected
- 2 Auto Guidance Engage switch – Work will begin when you engage guidance
- 3 Coverage Logging switch – Work will begin when you turn on the coverage logging window from a run screen
- 4 Front/rear tractor Electro-Hydraulic Remote (EHR) valves – Work will begin when you actuate the selected hydraulic remote on the tractor
- 5 Implement lift switch – Work will begin when the implement is in the lowered position. Front/rear hitch – Work will begin when the front hitch, the rear hitch, or both the front and the rear hitch is lowered, depending on the selection
- 6 Front/rear PTO – Work will begin when the front PTO, the rear PTO, or both the front and the rear PTO is engaged, depending on the selection
- 7 3-Pin power port – Work will begin when the power port that can be controlled by a configurable button is powered

Vehicle/Implement configuration



- 1 Speed Source Priority is the speed that is displayed in the ground speed window
- 2 Source priority can be changed by holding and dragging selection
- 3 Selection can be turned on/off therefore enabling the next priority source

Vehicle Implement Configuration

Tractor - Implement ▼

Work Switch Source

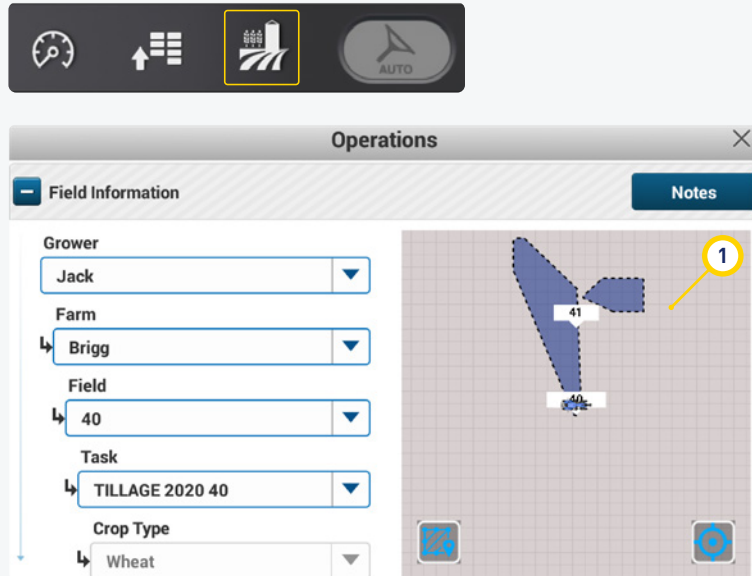
None ▼

System Speed Source Priority

1	Radar	☑ ON
2	Vehicle Wheels	☐ ON
3	GPS	☐ ON

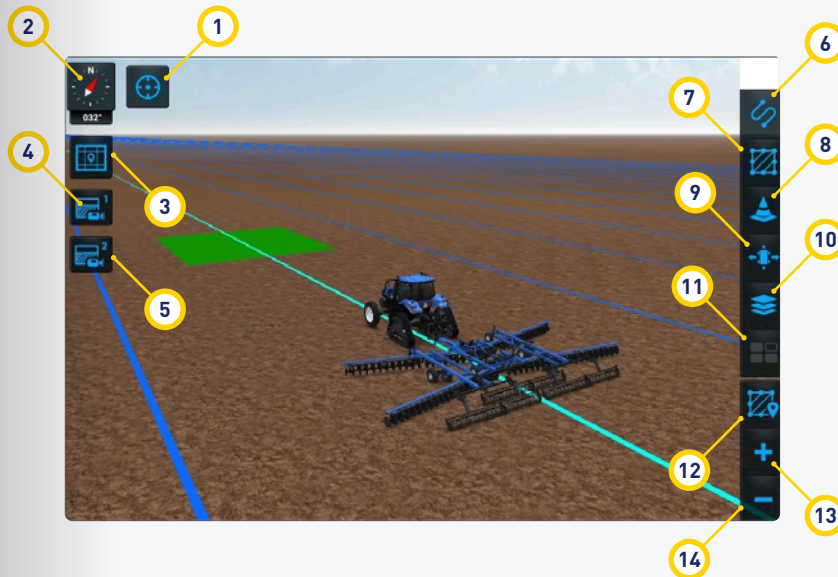
GFF Selection

The “Grower,” “Farm,” “Field,” “Task,” and “Crop Type” windows are the basic building blocks of the telematics and mapping functions.



- 1 Map can be viewed on right hand side showing field selected
- 2 Select Grower
- 3 Edit Grower
- 4 Add New Grower

Run Screen

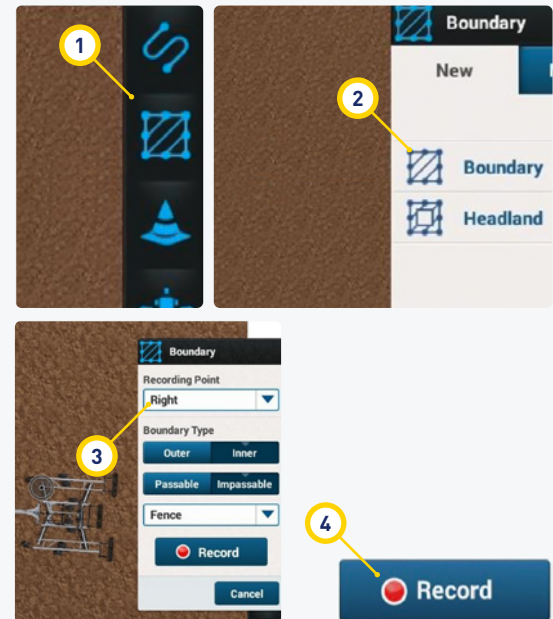


- 1** Centre Vehicle on screen
- 2** Current Vehicle Heading
- 3** Toggle overhead and rear view
- 4** Pre-set View 1
- 5** Pre-set View 2
- 6** Record, select, and manage guidance swaths
- 7** Record and manage boundaries
- 8** Record and manage landmarks
- 9** Autoguidance adjustments
- 10** View and select available coverage layers
- 11** View available widgets
- 12** Zoom to view entire field boundary
- 13** Zoom in
- 14** Zoom out



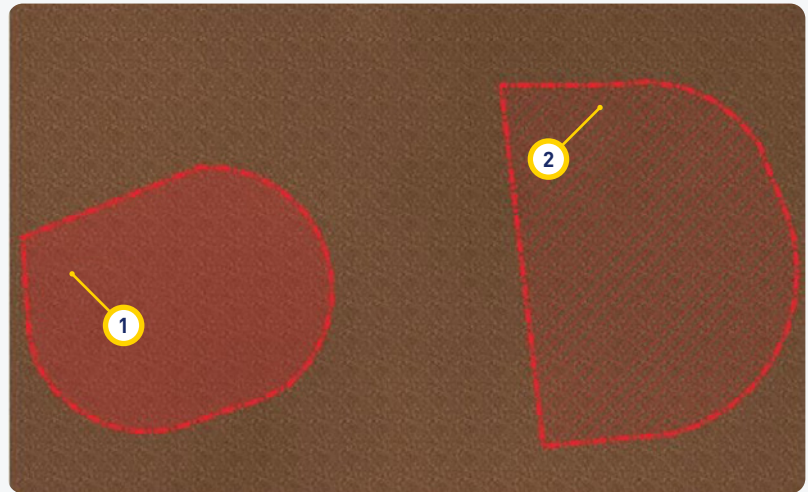
Boundary Creation

- 1 On the right hand side, press the Boundary's icon
- 2 Select the 'New' tab and Boundary
- 3 You can choose between outer and inner boundaries and also choose whether an inner boundary is passable or impassable. Choose the applicable boundary type. Under "Recording Point" open the drop-down menu. Select whether the recording will be defined by the left end of the implement, the right end of the implement, or the middle of the vehicle. A recording point appears in the map on the selected point of the implement or vehicle
- 4 Drive to the starting point in the field and press record

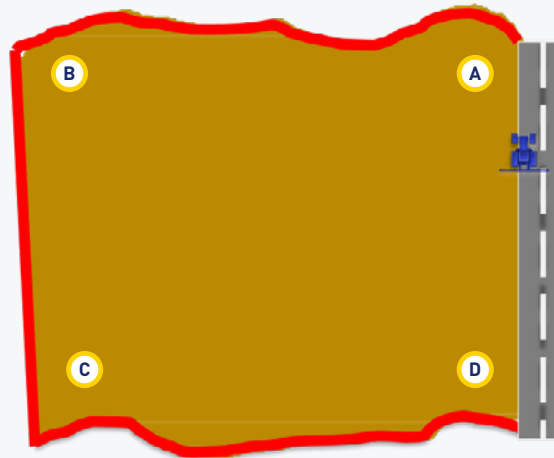
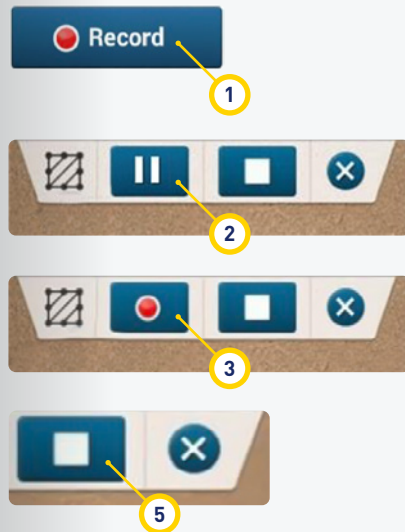


Boundary Creation

- 1 When you create a **passable inner boundary**, the interior of the inner boundary fills with solid, transparent red
- 2 When you create an **impassable inner boundary**, the interior of the inner boundary fills in with cross-hatched, transparent red lines



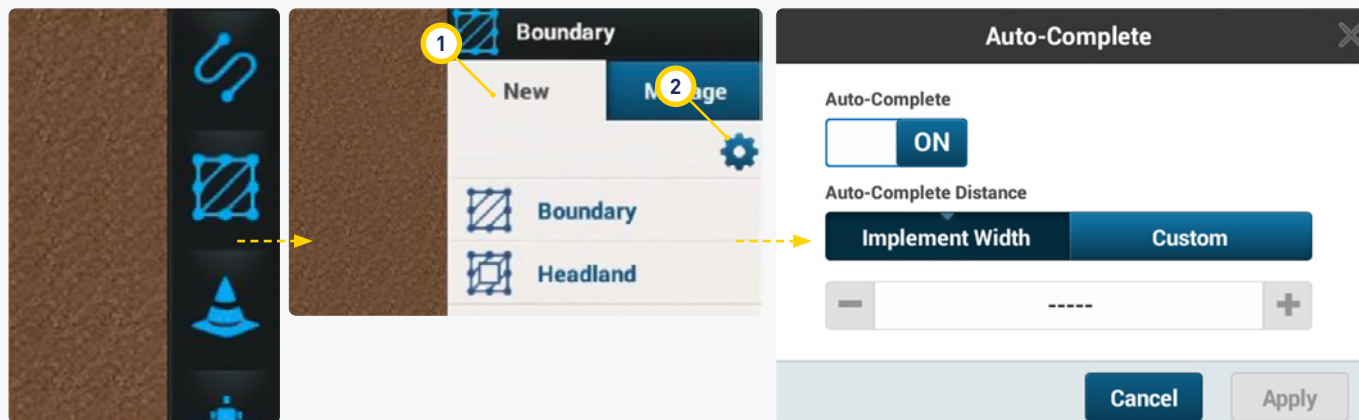
Creating a boundary



- 1 Start recording of headland at corner **A**
- 2 Pause in **B** corner and drive to **C** corner
- 3 Reverse into corner **C** and press record again
- 4 Record headland
- 5 Stop the recording in corner **D** (closing of the field)

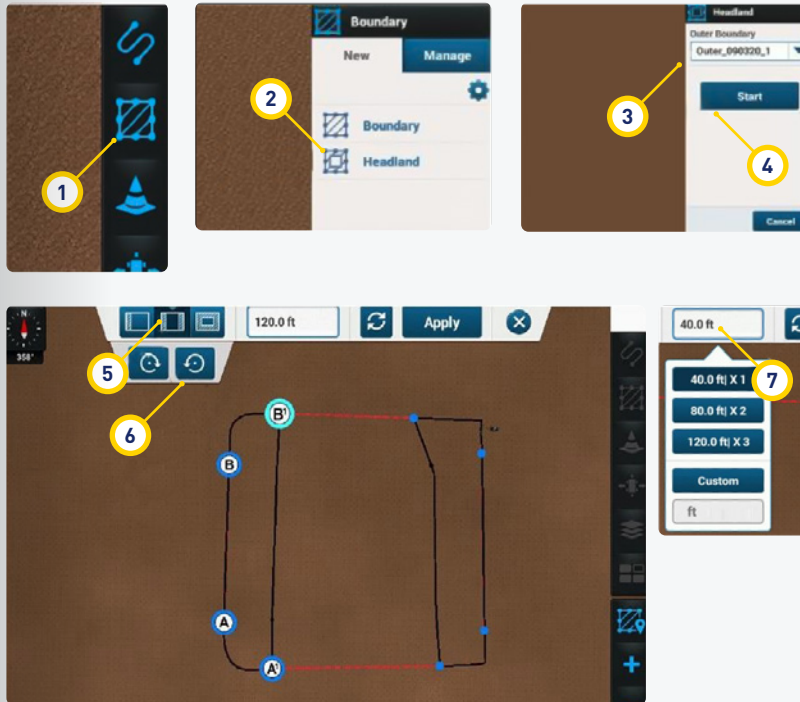
Boundary Auto-Complete settings

The auto-complete configuration establishes the distance between a pause point in the boundary and a resuming point in which the system extends the recorded boundary between the two points. The auto-complete function also extends the final recording point in the boundary to the starting point of the boundary.



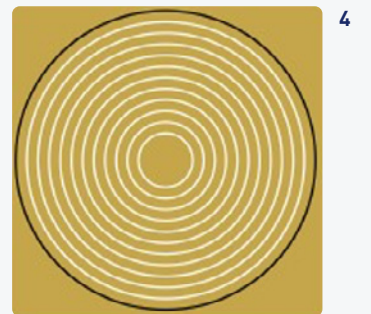
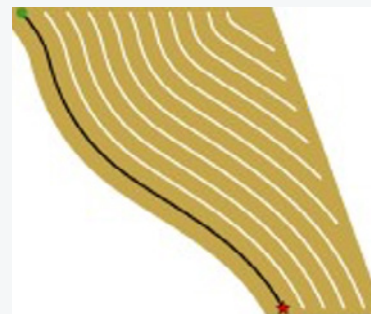
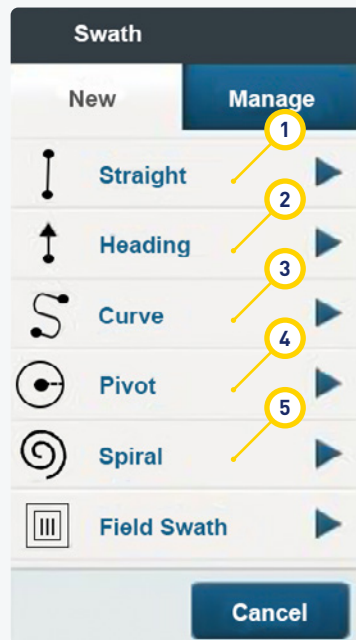
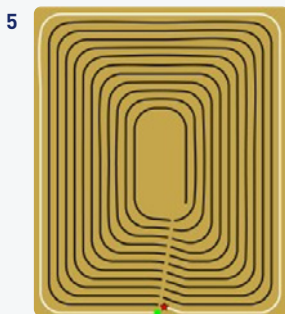
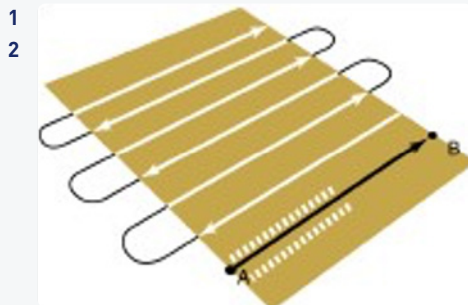
- 1 New Boundary
- 2 Auto-Complete settings

Headland Creation

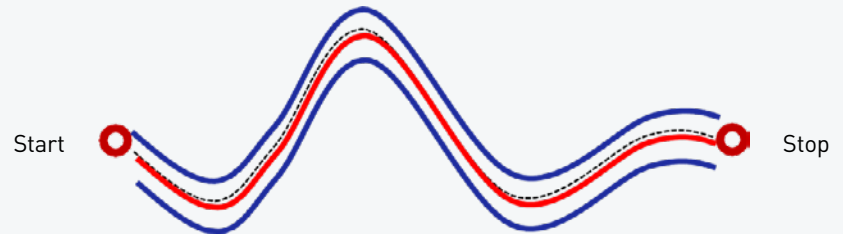
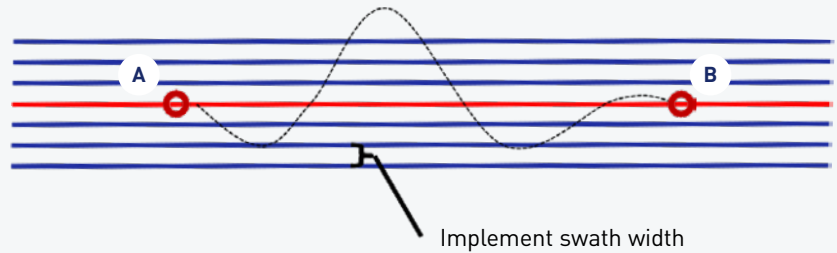


- 1 Select Boundary Icon
- 2 Select headland
- 3 Select the Boundary on which you would like to create Headland...
- 4 ... and click start
- 5 Apply Headland to Single, Double or All.
Double selected in example
- 6 Move selected points around Headland
- 7 Set width of Headland

Swath Creation



Swath Creation – A, B & Curve



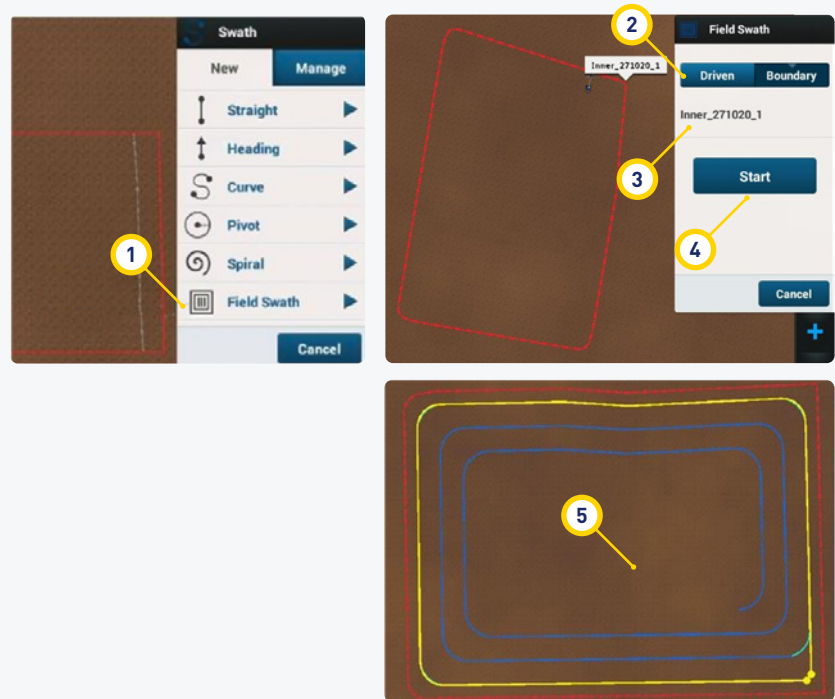
Heading

The screenshot displays the 'Swath' application interface. On the left, a menu titled 'Swath' has two tabs: 'New' and 'Manage'. Under the 'New' tab, there are six options: 'Straight', 'Heading', 'Curve', 'Pivot', 'Spiral', and 'Field Swath', each with a corresponding icon and a right-pointing arrow. A 'Cancel' button is at the bottom of this menu. The main area is a brown textured map. In the top-left corner of the map, there is a small compass icon showing a heading of 347°. On the right side of the map, a larger compass overlay is visible. This overlay has a text field at the top containing 'Heading_281020_2', a trash icon, and a save icon. Below these is a circular compass rose with cardinal and ordinal directions (N, NE, E, SE, S, SW, W, NW). A red arrow points to the 'N' mark, and a yellow circle with the number '1' is around it. At the bottom of the compass overlay are 'Cancel' and 'Apply' buttons. A blue line with an arrow at its tail points from the 'Heading' menu option to the compass overlay. A red dashed rectangle highlights the end of this line on the map.

1 Click anywhere on compass to set Heading

Create Field from Boundary or driven mode

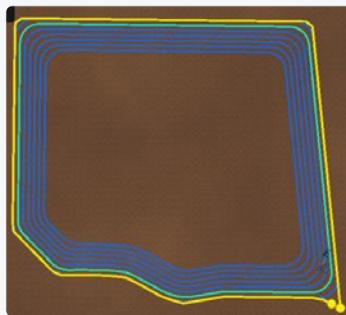
- 1 Select Field Swath
- 2 Select whether to draw from Boundary or drive manually
- 3 Select the boundary to draw from
- 4 Press start
- 5 A Field swath will then be drawn (Sets to Closed as default)



Field Swath Modes

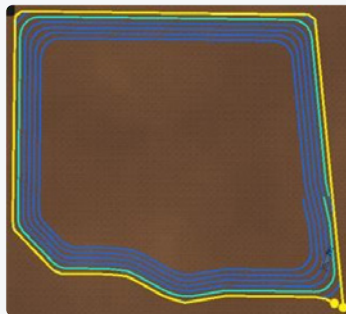
Closed Headland

In "Closed" mode, the transition from one swath to another must be driven manually by the user.



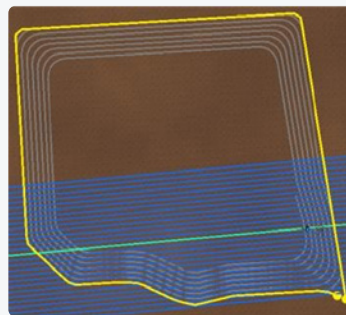
Spiral Headland

Transition from one swath to another is automatic. Swath is spirals into the middle.



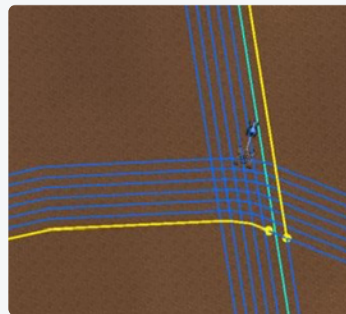
Infill

This section allows the operator to draw AB lines or curves to work the inside of the field.



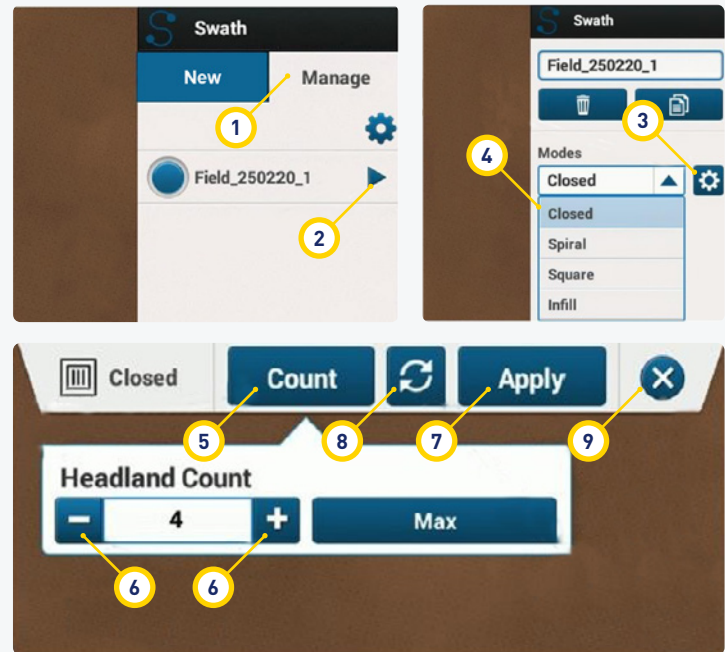
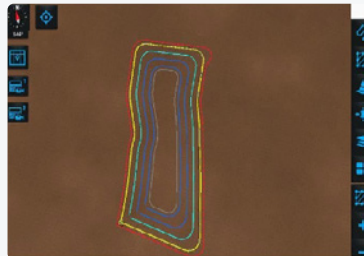
Square Headland

Guidance lines can be adapted to the users preference in the editing tool.

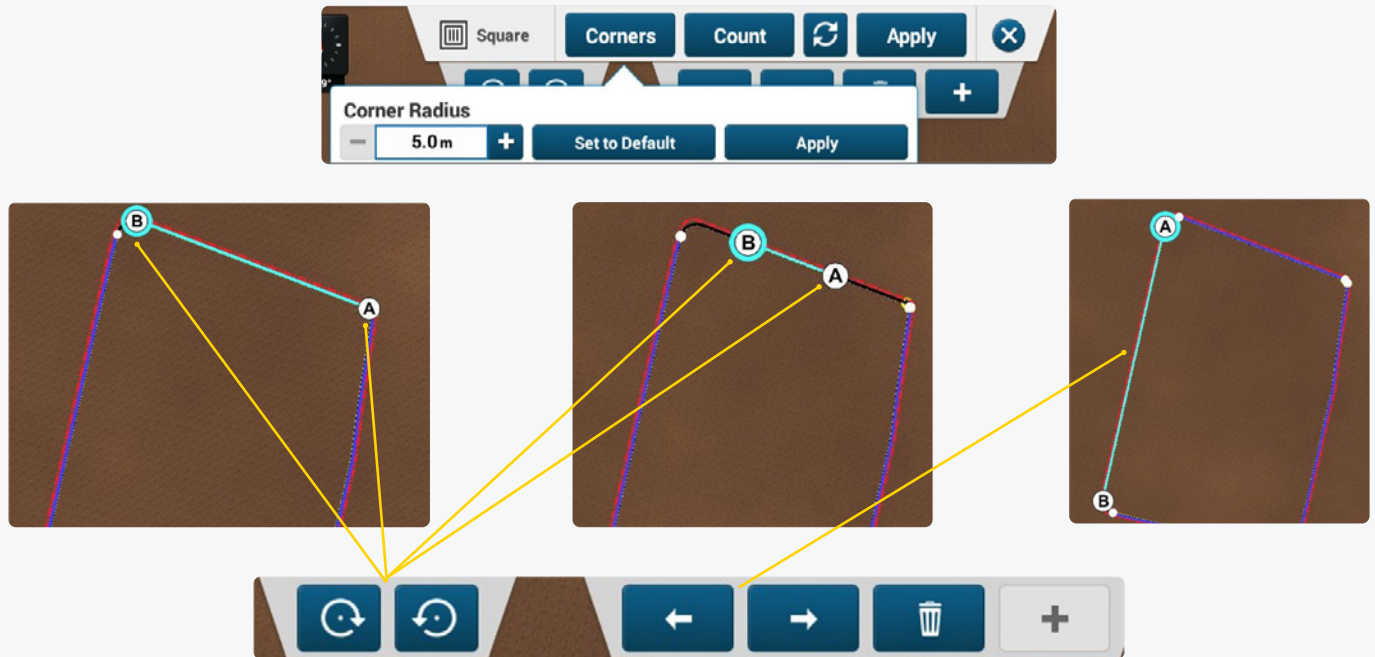


Edit Field Boundary

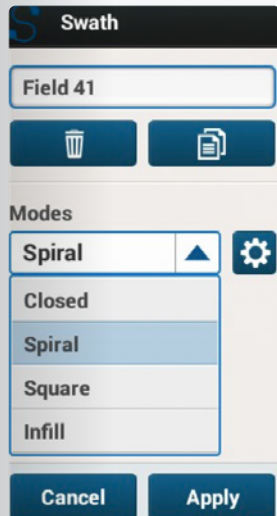
- 1 Select Manage Tab to edit Field swath
- 2 Select correct field
- 3 Choose which Mode you would like to use
- 4 Select Closed to bring up the options for Headland Count
- 5 Click the Count tab to open the Headland Count menu
- 6 The + - can then be used to edit the amount of Headland swaths
- 7 Apply
- 8 Reset
- 9 Close



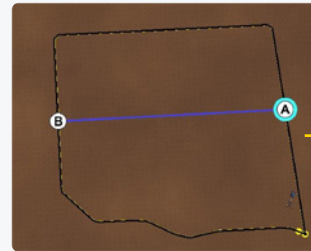
Creating Square Headlands



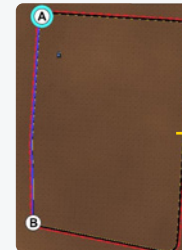
Field Swath Infill



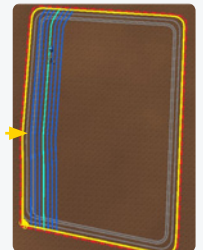
"Straight" – Use a straight swath to build infill swaths.



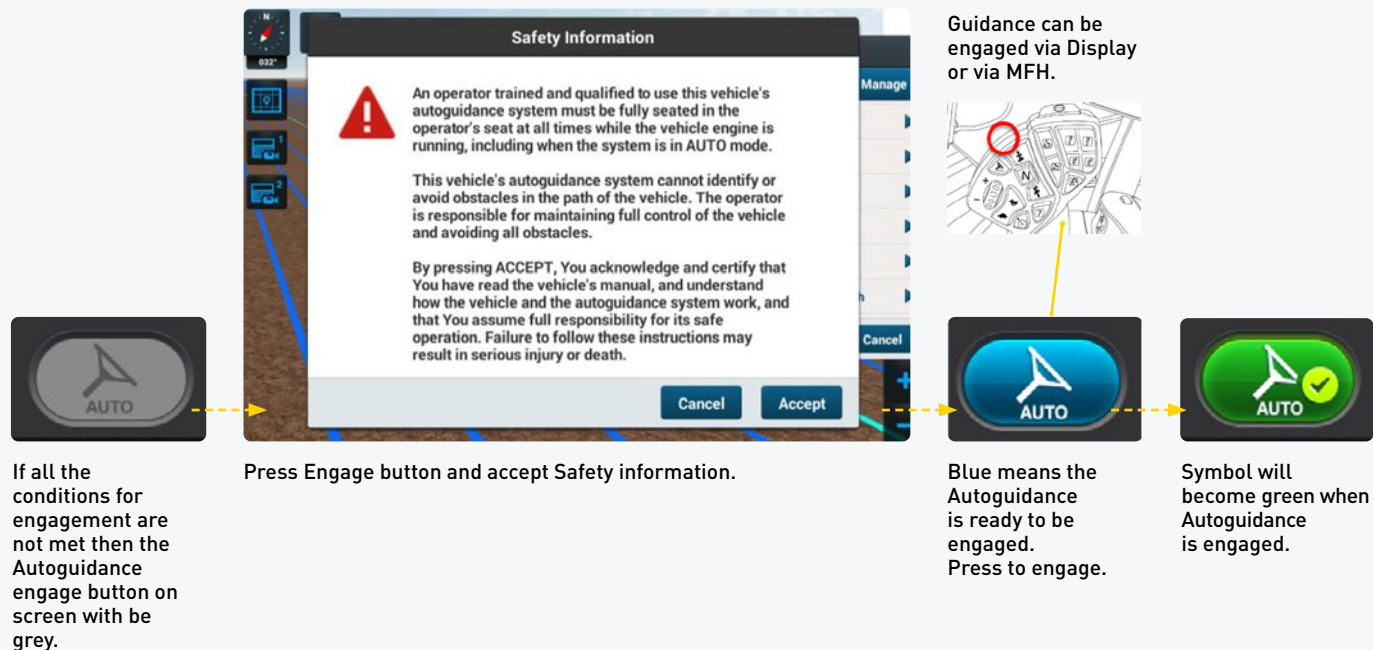
"Previously recorded" – Use a previously-recorded swath to build infill swaths.



"Curved" – Use a curved swath to build infill swaths.



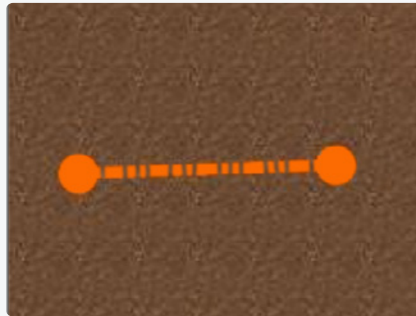
Autoguidance engagement



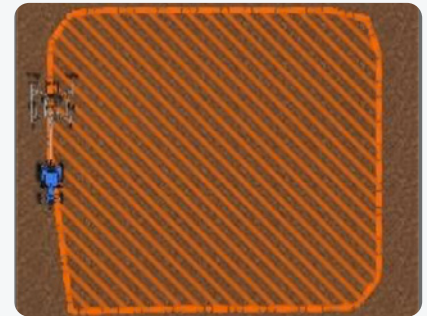
Land Mark Types



Point



Line

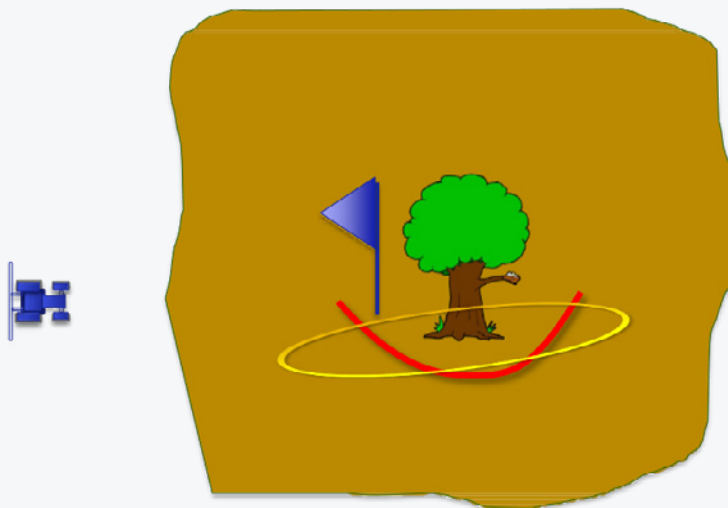



Area

Landmarks

With the help of the Landmarks, you can mark danger zones.

E.g.: Trees or manhole covers. This will give you a warning alarm at a set radius.



 Landmarks

New

Manage

Recording Point


Center

Landmark Type


Passable

Impassable

Point


 Record


Cancel


 Landmarks


New

Manage



 Area_281020_1

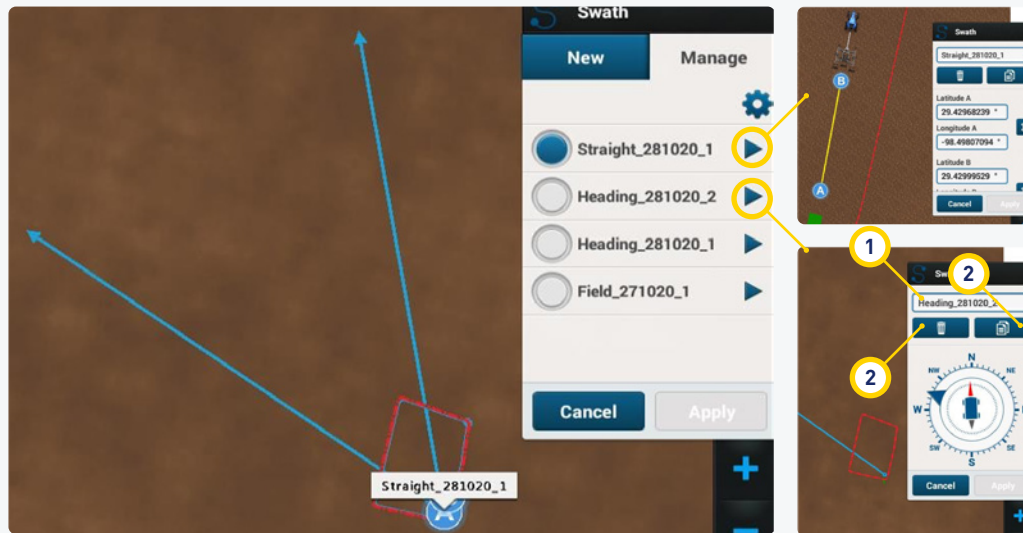
 Line_281020_1

 Point_281020_1

Cancel



Selecting/Editing Swaths



Swaths can be changed in the Swath Manage tool.

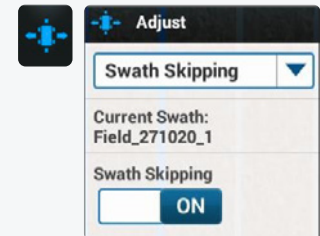
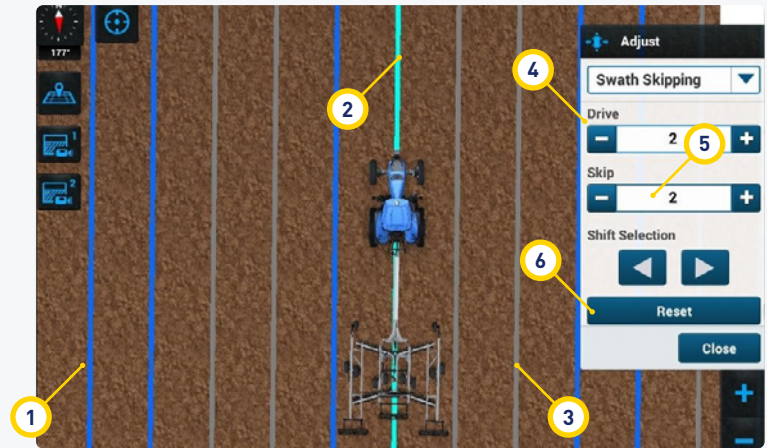
Swaths can also be edited in this function. An AB Swath can be edited by changing the Longitude and Latitude of both points.

- 1 Rename Swath
- 2 Click trash to delete swath or copy to clone swath

The heading can also be changed by pressing a point on the compass.

Swath skipping

- 1 Dark Blue lines show the 'Drive' swaths. The Guidance will engage on these lines
- 2 Turquoise lines show the nearest swath for the machine to engage on
- 3 Grey lines show the 'Skip' swaths. The Guidance will not engage on these lines
- 4 The "Drive" counter defines the number of adjacent swaths driven between skipped swaths
- 5 The "Skip" counter defines the number of adjacent swaths skipped between driven swaths
- 6 Press arrows to shift line selection and reset to start again





Universal Terminal

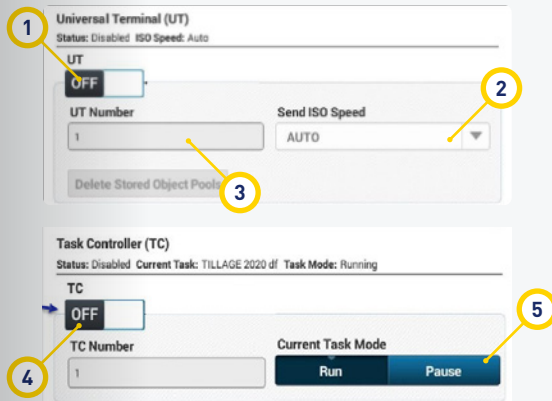


Task Controller

The task controller (TC) software is integrated into the precision farming applications. Activation of Task Controller functions at the most granular level is split between 3 activations:

- TC Basic
- TC Section Control (16 Sections per product)
- TC Geo (Variable Rate – 2 Product)

Note: These 3 activations are part of the Advanced PF&G activation bundle which comes standard equipment on New Holland Genesis T8 & T9 with PLM Intelligence.



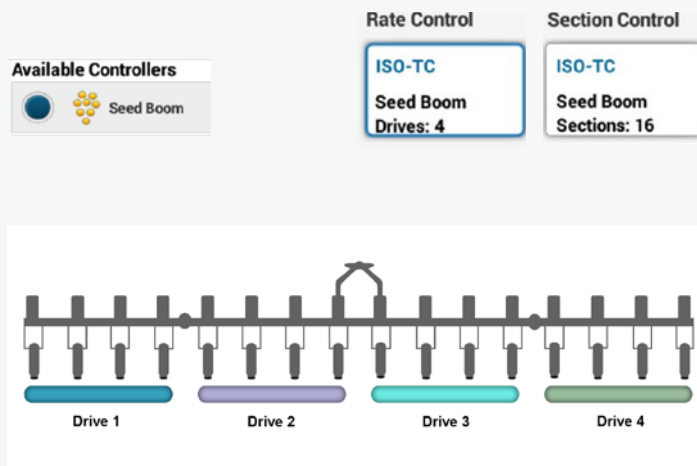
- 1 Universal Terminal (previously Virtual Terminal) can be turned on in the Toolbox> ISOBUS section of the display
- 2 The “Send ISO Speed” window allows you to select the method used, if any, to send ground speed information to the ISOBUS implement over the ISOBUS
- 3 Use the “UT Number” field to establish whether more than one terminal is in use
- 4 Task controller must be turned on to do Section control or Variable rate
- 5 Start or pause the task

Operation

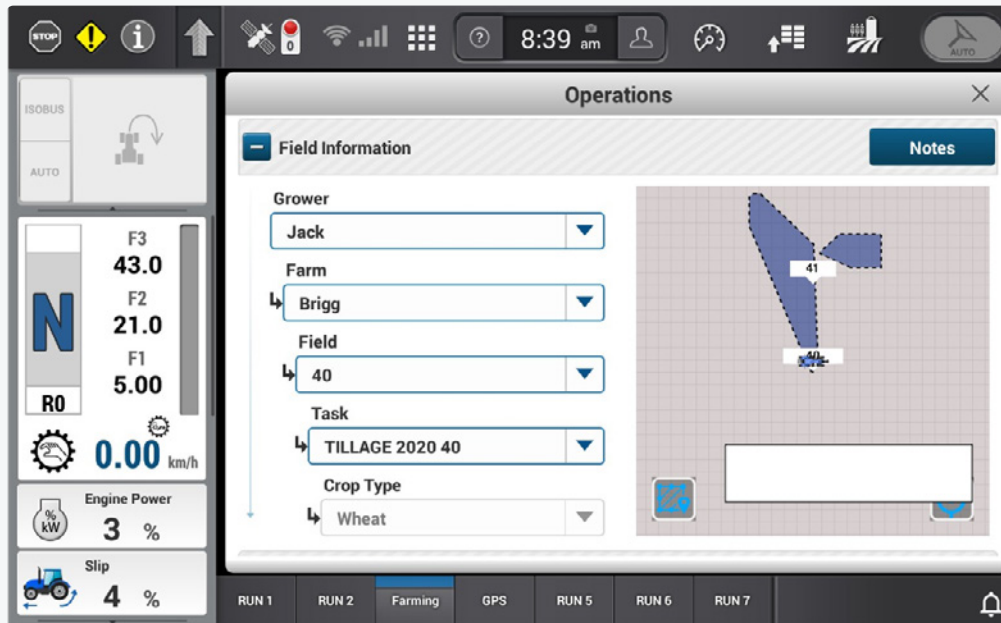
“Controller” – The controller represents a group of drives or sections that apply a single product across the entire width of the implement. Multiple controllers may apply the same product. The system supports up to six controllers per implement.

“Drive” – The drive represents a control device that can be assigned an application rate with a single product. Each controller can support multiple drives.

“Section” – The smallest incremental element that can turn product application on or off. The system turns sections on and off to control skips or overlaps with already-applied area or at the field boundary. The system supports up to 16 sections with the basic section control unlock, and up to 128 sections with the advanced section control unlock.



Operations tab



Product setup

Drive 1

Product NH3	Prescription None
Rate 1 120.0 lb N/ac	RX Out of Zone Rate Prescription Default
Rate 2 180.0 lb N/ac	RX Percentage Adjust 100.0 %

Click add new Product.

Add Product

Product Name
NH3

Form ?
Select

- Anhydrous
- Bulk Seed
- Granular/Other
- Liquid
- Plant
- Seed

Application Rate 2
0.00

Max Application Rate
0.00

Usage ?
Select

Cancel Add

Needs to be same as application control selection.

Add Product

Form ?
Anhydrous

Units
lb N/ac

Application Rate 1
120.00 lb N/ac

Application Rate 2
180.00 lb N/ac

Min Application Rate
0.00 lb N/ac

Max Application Rate
225.00 lb N/ac

Delta Application Rate
10.00 lb N/ac

Usage ?
Fertilizer

Package Size
--.- lb

Package Size Units
lb

Cancel Add

Rate change increment.

Setup your application controllers

Available Controllers

Seed Boom
 Liquid Boom

Seed Boom

Rate Control	Section Control	Virtual Tank	Adjustments
ISO-TC Seed Boom Drives: 4	ISO-TC Seed Boom Sections: 16	OFF Tanks: 0	OFF Rate Snapping

Rate Control

Control Type

ISOBUS

ISO Controller

Seed Boom

Number of Drives

4

Drive Width

Drive 1	10.0 ft
Drive 2	10.0 ft
Drive 3	10.0 ft
Drive 4	10.0 ft

- 1 Select Controller
- 2 Controller details
- 3 Distance between drive

Information should be sent from the implement to the display, meaning you shouldn't have to fill in the information here.

Controller settings

NH3

Rate Control	Section Control	Virtual Tank	Adjustments
ISO-TC Boom_1 Drives: 1	ISO-TC Boom_1 Sections: 3	OFF Tanks: 0	ON Rate Snapping

Edit Controller

Controller Type
ANHYDROUS

Controller Name
NH3

Cancel Apply

Controller type needs to be the same as the product type set up (shown on previous slide).

Work Condition Set up

Menu

Work Condition | Implement Control

×


Implement: NH3 Bar

Work Condition Name

NH3 Bar CORN Config auto

▼


+



Test

OFF


+



Demo


OFF


+



NH3

ON


Implement Control


Overlap Settings

Section Control

Rate Control	Section Control	Virtual Tank	Adjustments
ISO-TC Seed Boom Drives: 4	ISO-TC Seed Boom Sections: 16	OFF Tanks: 0	OFF Rate Snapping

Section Control	
Control Type ISOBUS ▼	ISO Controller Seed Boom ▼
Number of Sections 16 ▼	
Section Width	
Section 1 to 16	2.5 ft

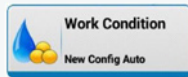
Virtual Tank

Rate Control	Section Control	Virtual Tank	Adjustments
ISO-TC Seed Boom Drives: 4	ISO-TC Seed Boom Sections: 16	OFF Tanks: 2	OFF Rate Snapping

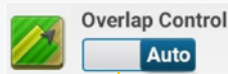
Virtual Tank

Virtual Tank OFF	Number of Tanks ----- ▼
Tank Setup ----- ▼	Virtual Tank Name Tank 1
Tank Units ----- ▼	Tank Capacity 2500.0 ka

Overlap & Boundary control



Can be set up on Run screens.



Work Condition Name
New Config Auto

Overlap Control
☐ ON

Overlap Percent 1 99% 100

Start Early Distance 2 0.00 ft 3

Stop Late Distance 0.00 ft

Work Condition Name
New Config Auto

Meter 1
Boundary: 1 %

Boundary Control
☐ ON

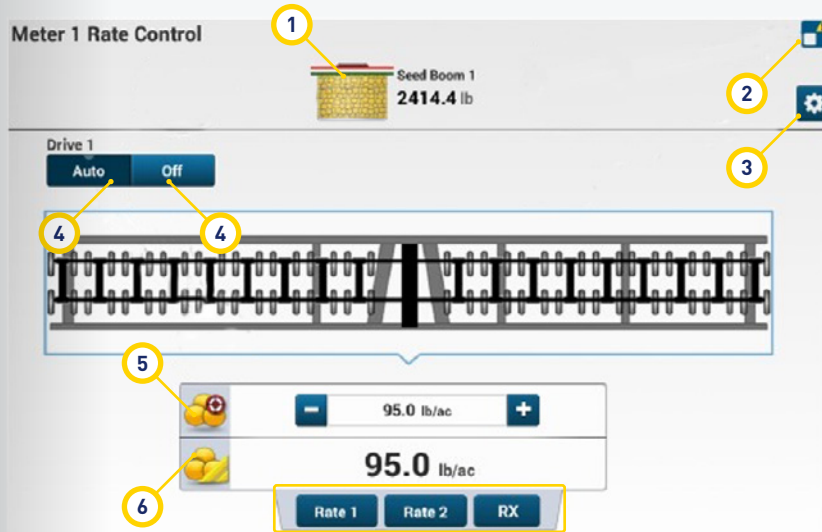
Boundary Percent 4 1% 100

Apply Settings to All Controllers

- 1 Section overlap percentage
- 2 Start Early distance
(dependant on Inner headland)
- 3 Stop Later distance
(dependant on Inner headland)
- 4 Boundary percentage

Rate Control

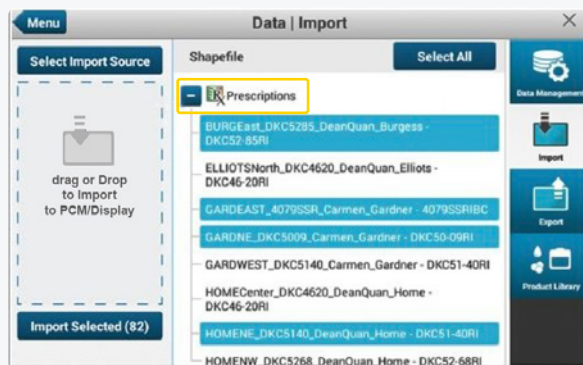
Rate control (2x6) on UDW.



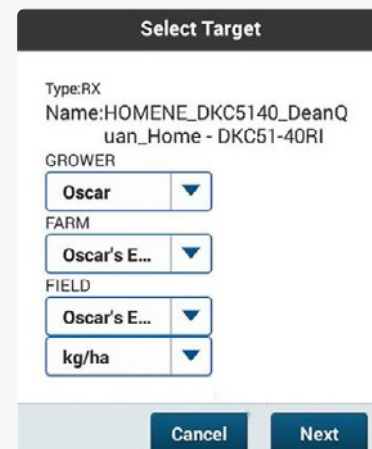
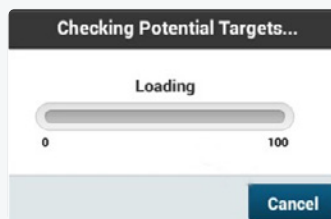
- 1 Configured virtual tanks
- 2 Collapse menu
- 3 Tank Display Settings
- 4 When off you cannot adjust target rate
- 5 Target Rate
- 6 Actual Applied Rate

Rate 1 & 2 are pre defined rates. RX is using a prescription map to apply rate.

Importing VRA Maps



Import using the Data management screen.



The prescriptions are associated with the tasks built in the “Operations” screen. The associated prescriptions are automatically selected for valid controller types.

Using the VRA Map

The screenshot displays the VRA Map interface on a farming machine's display. The top status bar shows various icons including a stop button, warning light, information icon, and navigation controls, along with the time 8:39 am and a user profile icon. The main interface is divided into several sections:

- Left Panel:** Contains a vertical stack of controls including a gear icon, a speedometer showing 0.00 km/h, and engine power and slip percentages (3% and 4% respectively).
- Operations Window:** A central window titled "Operations" with a close button. It features a "Field Information" tab and a "Notes" button. The field information section includes dropdown menus for:
 - Grower: Jack
 - Farm: Brigg
 - Field: 40
 - Task: TILLAGE 2020 40
 - Crop Type: Wheat
- Map:** A grid-based map showing a field outline. A specific area is highlighted in blue and labeled "41".
- Prescription Map Window:** A smaller window titled "Operations" with a close button. It displays a "Drive 1" section with a "Select Product" dropdown and a "Select Rx" dropdown. Below these, there are input fields for "Rate 1" and "Rate 2".

At the bottom of the screen, a row of buttons labeled "RUN 1", "RUN 2", "Farming", "GPS", "RUN 5", "RUN 6", and "RUN 7" is visible.

Prescription map will be assigned to that specific field and can be selected by scrolling down to the Prescriptions tab.



ONLINE PERFORMANCE

Nudge vs Trim



On lower accuracy signals (EGNOS) the line is 'Nudged' back to the tractor as we know that after a period of time the line will suffer from drift.

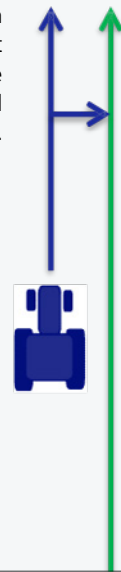


Nudge ←L | 0.00 cm



Reset

Trim is used only on vehicles with towed implements when implement setup or soil conditions pull the implement away from the desired line of travel.



GNSS Trim ←L | 10.00 cm

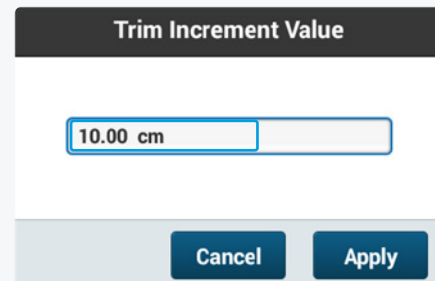
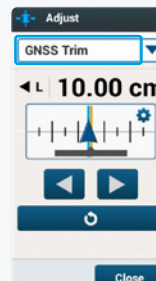
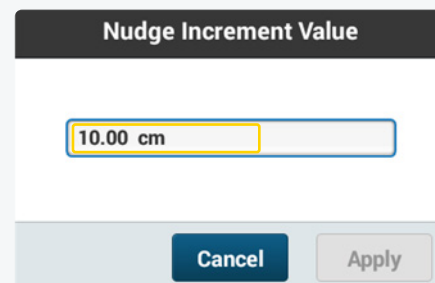
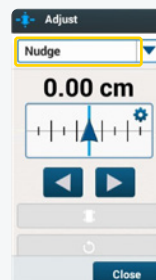
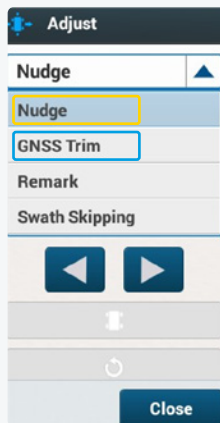


Reset

'Adjust' toolbar



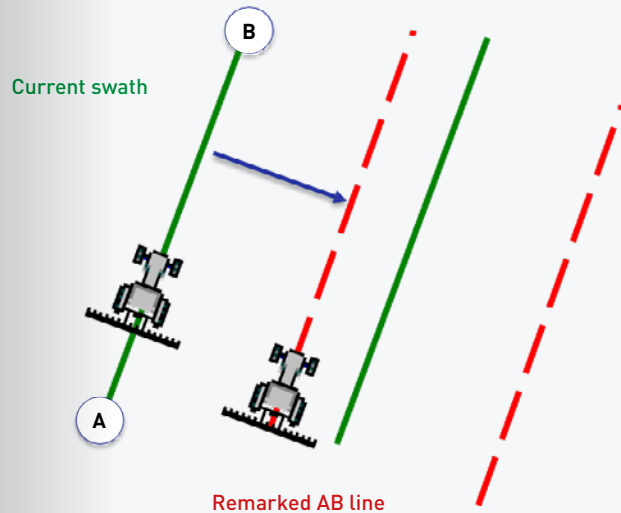
Use the adjust toolbar on the right hand side to enter the Nudge and Trim settings. The increment value can be access by selecting the Gear icon on the scale. Then shifting to the left or right using the arrows will nudge or trim the vehicle.



Remark Function



Remark can be used instead of Nudge to move the AB line. Could be used with low accuracy signals when drift has occurred after a period of time static. Remark will set Nudge to 0.



Adjust

Nudge

Nudge

GNSS Trim

Remark

Swath Skipping

◀

▶

🔄

Close

Adjust

Remark

Left

Right

0.020 m

📏

Reset

Current Swath Width: 4.000 m

Recorded Swath Width: 4.000 m

Recommended Remark: 0.000 m

Cancel

Apply

Aggressiveness



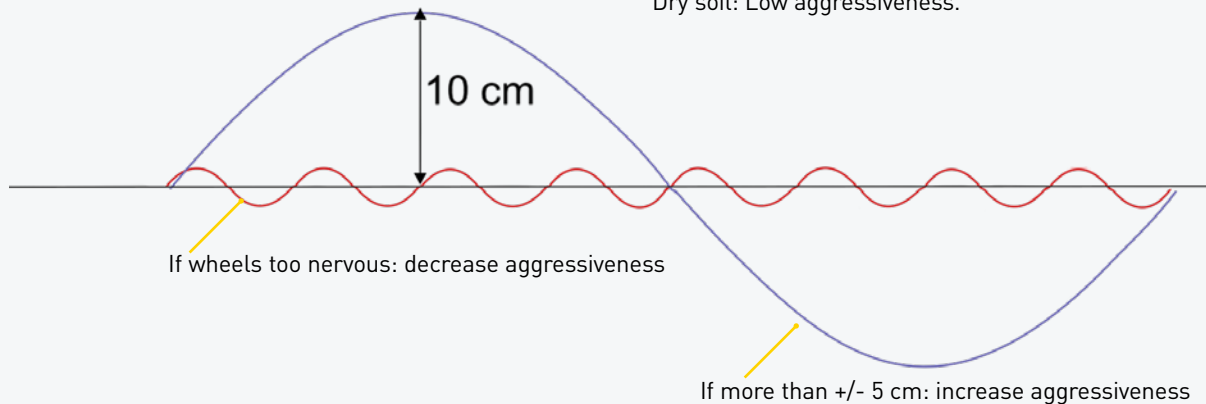
Aggressiveness:

Range from 50% to 150% with 100% as default value.

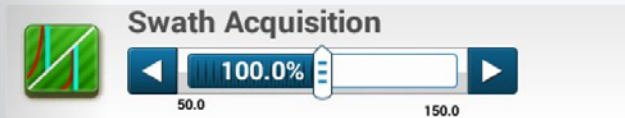
- The more aggressive the setting (higher value), the quicker the steering response.
- The less aggressive the setting (lower value), the slower the steering response but also the more smooth.

Wet soil: High aggressiveness.

Dry soil: Low aggressiveness.



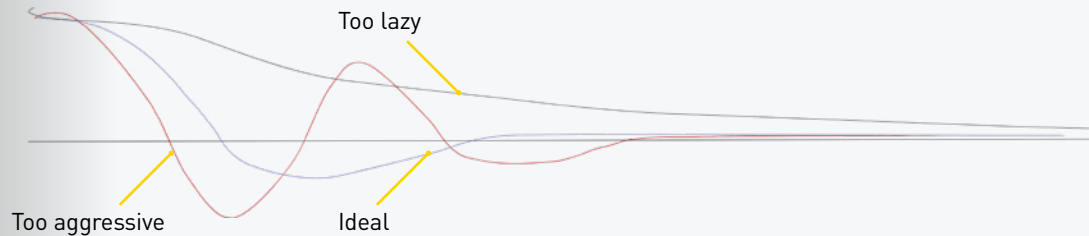
Standard Swath Acquisition



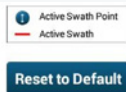
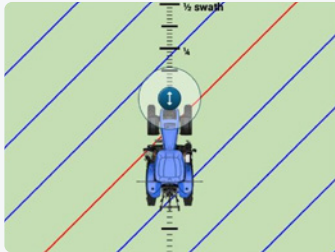
The swath acquisition setting controls how sharply the vehicle turns during to engage on a swath.

- The more aggressive the setting (higher value). The sharper the turns used to engage on the swath.
- The less aggressive the setting (lower value), the more gradual the turns used to engage on the swath.

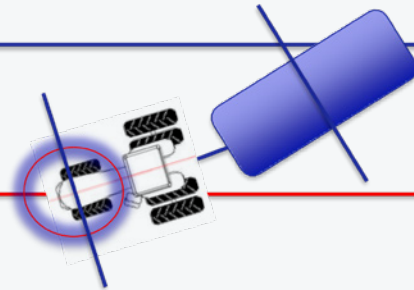
If the setting is too high, the vehicle may become unstable when turning, particularly at higher speeds. If the setting is too low, the vehicle may require a lengthy distance to engage on the swath.



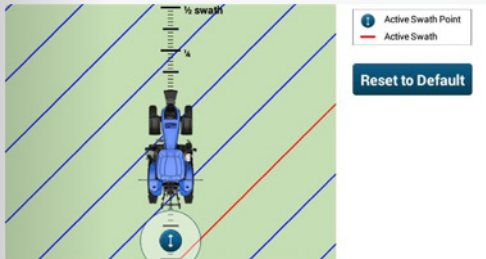
Active Swath Point



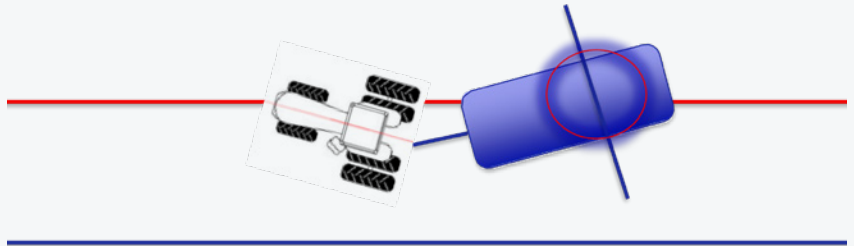
Active Swath Point set to front to allow
Vehicle to come onto line faster.



Active Swath Point

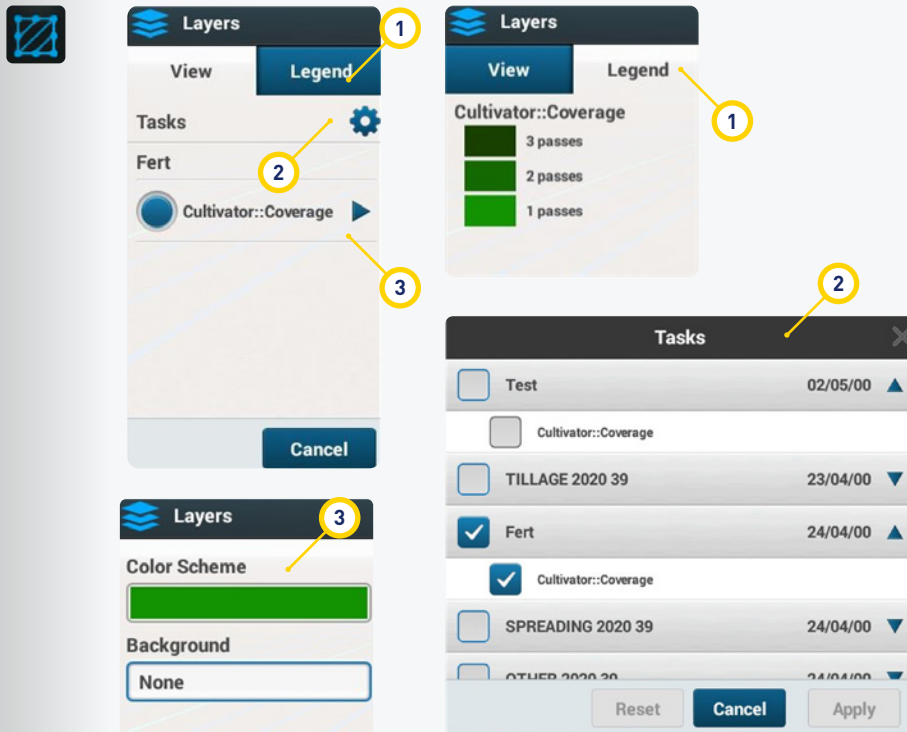


Active Swath Point set to rear to allow implement to come onto line faster.





Changing layers

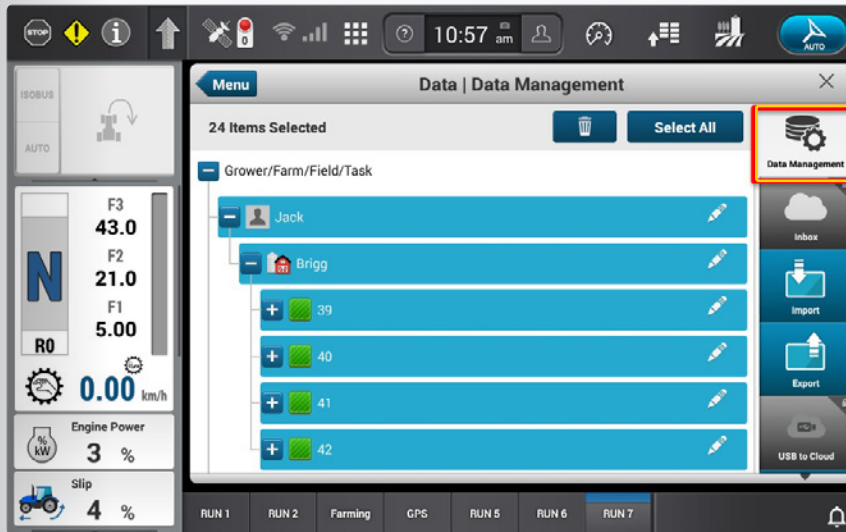


- 1 The legend is a key to the colours on the map. If a prescription is used as a layer then the key will show the prescription rates
- 2 By clicking the Gear button we can change the task quickly instead of having to access the GFF tab
- 3 The colour of the coverage can be changed to personal preference

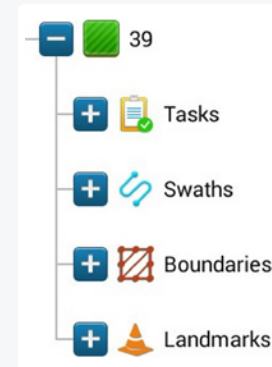


DATA MANAGEMENT

Delete Screen



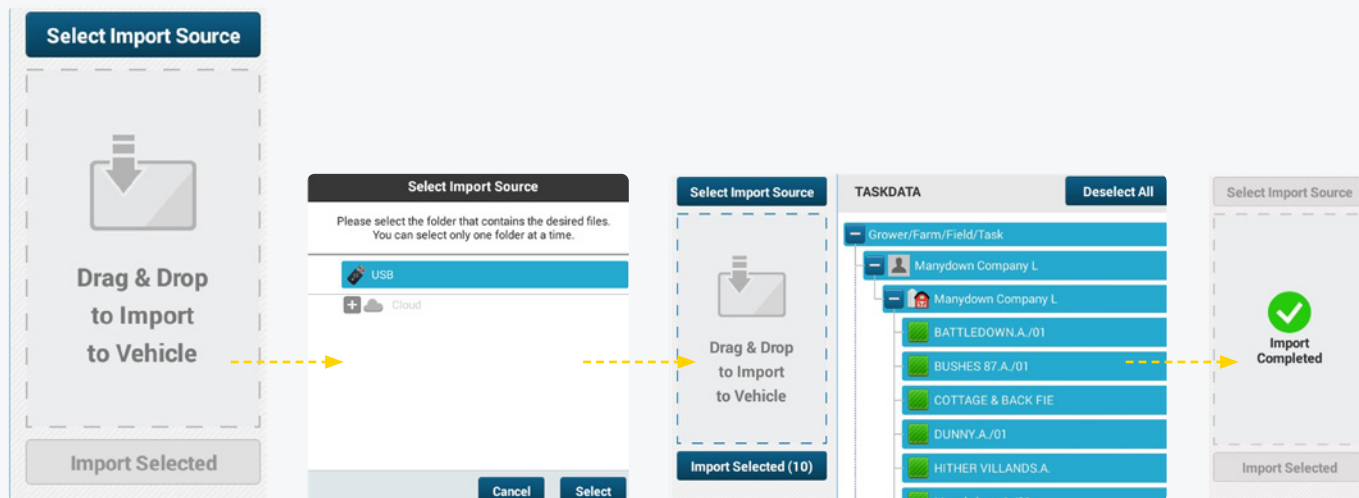
Growers, Farms and Fields can all be edited or deleted through the Data Management tab. Within each field you can delete Tasks, Swaths, Boundaries and Landmarks.



Import



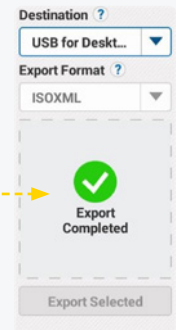
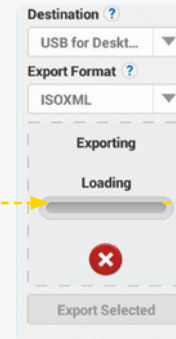
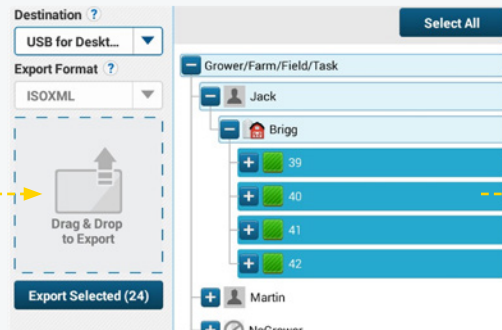
In the Data Management Tab you can import files from either a memory device or over the air (Cloud based through Telematics). Select the appropriate source and files you would like to import. Then the information will be stored in the display.



Export

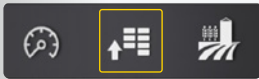


Similar to the import process, select the correct format for the data to be exported as followed by the data you wish to export (Grower, Farm Field etc.). These can either be selected or dragged and dropped into side menu. Once export is complete a notification will be give.





Generate report



Productivity reports generated by the display give you the ability to evaluate the performance of your machines and your fields. Generating a productivity report allows you to see summary and totals calculations from the display for the given filters defined in your templates.

Menu

Settings Diagnostics **Productivity**

Productivity Reports

reports

+ New Template

DATE/TIME

06/10/2020 03:14 PM	
06/11/2020 10:26 AM	

Filter Selection | Operation

Select Operation(s) for your report.

Custom Current All

<input type="checkbox"/> Planting	<input checked="" type="checkbox"/> Seeding
<input type="checkbox"/> Harvesting	<input type="checkbox"/> Application Tillage
<input checked="" type="checkbox"/> Spraying	<input type="checkbox"/> Spreading

Cancel Next

Filter Selection | Date

Select day range for the time you are generating this Productivity Report.

Today
☒ Current Season
 Date Range MM/DD/YY MM/DD/YY
☐ All History

Back Cancel Next

Productivity Reports

+ New Template

EMPLATE NAME	DATE/TIME
Report_1	06/10/2020 03:14 PM
Report_2	06/11/2020 10:26 AM

Filter Selection | GFFT

Select Grower, Farm, Field, Task for your report.

Custom Current All

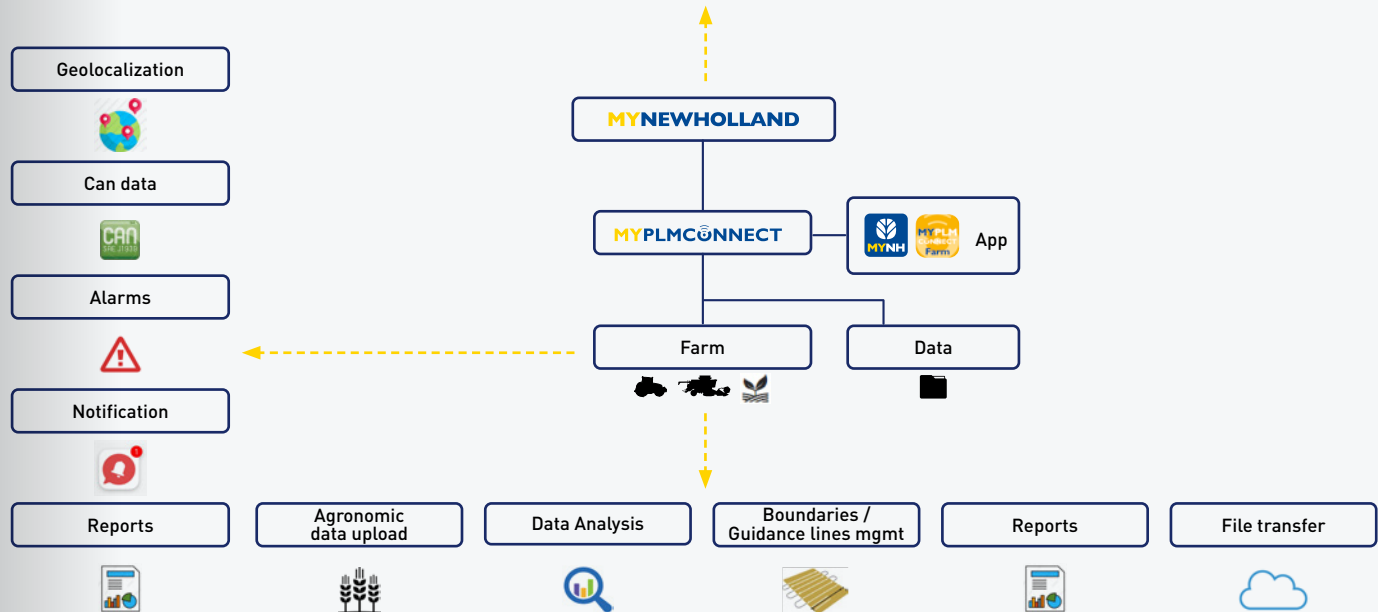
+ Grower / Farm / Field / Task

Back Cancel Next



MyPLM[®]Connect

MyNewHolland™ is the gateway for New Holland customers supporting them in every aspect of their working days and problem solving. They can quickly and easily access extra information and service, whenever and wherever they want. www.mynewholland.com.



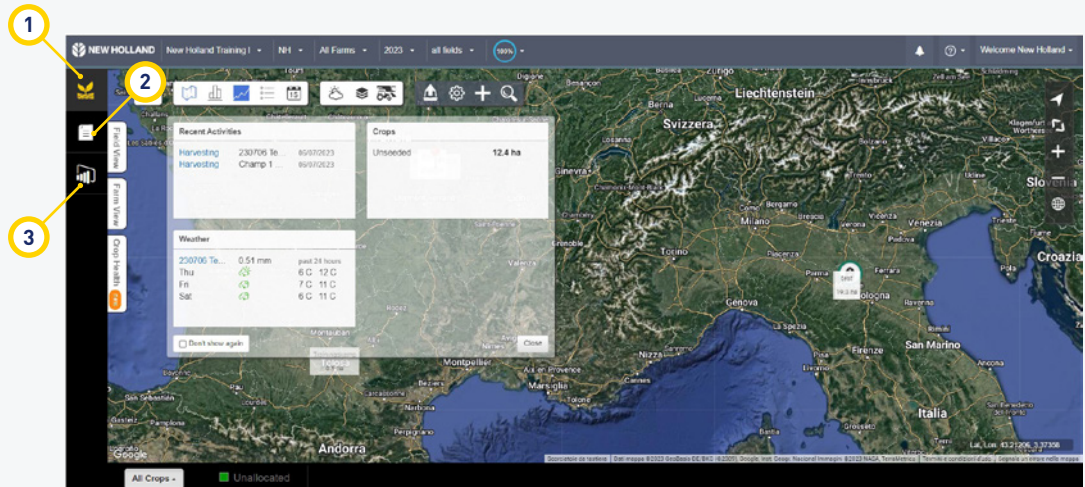


MYPLM®CONNECT

MyFarm

MyFarm is a tool based on data analysis and planning. It helps farmers combine a range of **Fleet/agronomic information** including geo position, machine parameters soil, weather, and crop data, and it provides **visualizations and analysis that facilitate farm management decisions**.

- 1 MyFarm
- 2 Farm Report
- 3 Insight / Fleet report



Machine List

By pressing the button 1, your machine list is displayed with the geolocation.

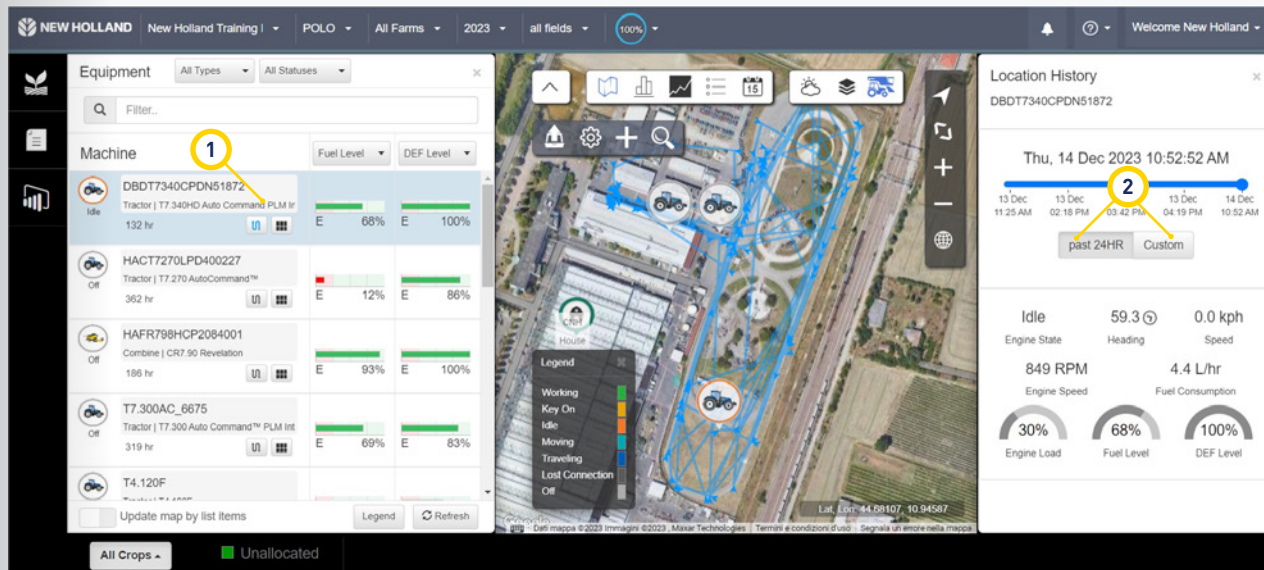
The screenshot displays the MYPLM®CONNECT interface. On the left, the 'Equipment' panel shows a list of machines with their status and location. A yellow circle labeled '2' highlights the 'Filter' button. A dropdown menu is open, showing options for 'Fuel Level', 'DEF Level', 'Engine Fuel Rate', 'Ground Speed', 'Engine Load', 'Engine Speed', and 'Engine Power'. A yellow circle labeled '1' highlights the 'Fuel Level' option. On the right, a map of France shows the location of the machines. A yellow circle labeled '1' highlights the 'Map' button in the top right corner of the map area.

Machine	Status	Location	Fuel Level	DEF Level
DBDT7340CPDN51872	Idle	Tractor T7.340HD Auto Command PLM Ir	132 hr	
HACT7270LPD400227	Off	Tractor T7.270 AutoCommand™	362 hr	
HAFR798HCP2084001	Off	Combine CR7.90 Revelation	186 hr	
T7.300AC_6675	Off	Tractor T7.300 Auto Command™ PLM Int	319 hr	
T4.120F	Off			

- 1 List view
- 2 Parameters selection

Location history

By pressing the button 1, the location history is displayed.



- 1 Location history menu
- 2 Last 24h of movement /custom period

Machine parameters

By pressing the button 1, your machine details are displayed.

DBDT7340CPDN51872

Menu

General

Machine Metrics

Machine Parameters

Alerts

Faults

Device Association

Dealer Association

General

Make - Model	Vin	Engine Hours	Active File Transfer Subscription
New Holland Agriculture - T7.340HD Auto Command PLM Intelligence™	DBDT7340CPDN51872	132	Yes

Device Type	Device Serial	Device TDAC	Device Version
PCM	530456913	30456913540	04.30.47.0

Last Known Location	Last Known Time
44.68355, 10.94169	2023-12-14 11:47 AM

Machine Operator Manual - PDF

Machine Operator Manual - Interactive

[View PDF](#)
[View Interactive Document](#)

Machine

Fuel Level

DEF Level

DBDT7340CPDN51872

Tractor | T7.340HD Auto Command PLM Ir

132 hr

E 68%

E 100%

- 1 Details menu
- 2 Operator Manual

Machine parameters

By pressing the button 1,
your average main machine parameters are displayed.

DBDT7340CPDN51872 ×

Menu

General

• Machine Metrics

Machine Parameters

Alerts

Faults

Device Association

Dealer Association

Machine Metrics

Last 30 days ▾

	Idle	Traveling	Working
Average Engine Speed	829 RPM	1359 RPM	673 RPM
Average Engine Power	3.89 %	24.85 %	5.38 %
Average Fuel Rate	4.85 L/hr	11.16 L/hr	4.57 L/hr
Average Ground Speed	0.159 kph	16.24 kph	2.87 kph

14/11/2023 ⇌ 12/12/2023

1 Machine metrics

Machine Parameters

By pressing the button 1, your machine full list of parameters is displayed.

DBDT7340CPDN51872

Menu

- General
- Machine Metrics
- Machine Parameters**
- Alerts
- Faults
- Device Association
- Dealer Association

Machine Parameters

● Application

Work State	Out of Work	14/12/2023 10:46 AM
------------	-------------	---------------------

● Driveline

Air Brake Pressure	7.4 bar	14/12/2023 10:52 AM
Driveline Hours	182.6 hr	14/12/2023 10:52 AM
Gear Selected	F14	15/11/2023 12:24 PM
Transmission Oil Pressure	22.1 bar	14/12/2023 10:52 AM
Transmission Range	Range 3	14/12/2023 10:52 AM
Transmission Status	Park	14/12/2023 10:52 AM
Wheel Slip	0 %	14/12/2023 10:52 AM

- 1 Machine parameters
- 2 Scroll to see all the parameters

Alerts

By pressing the button 1, your machine alerts are displayed.

DBDT7340CPDN51872

Menu

- General
- Machine Metrics
- Machine Parameters
- Alerts**
- Faults
- Device Association
- Dealer Association

Alerts

Make - Model
New Holland Agriculture -
T7.340HD Auto Command PLM
Intelligence™

Vin
DBDT7340CPDN51872

Last 24 hours

Search:

Time	Alert	Location
14/12/2023 10:52:39 AM	Errore di comunicaz. con sottosistema. Funzione non disponibile.	44.68136, 10.94295
	--	
	<div>Source</div> <div>Severity</div> <div>Fault</div> <div>Active Occurrences</div> <div>Engine Hours</div>	
	<div>DISPLAY</div> <div>CAUTION</div> <div>Avvertenza</div> <div>Yes 0</div> <div>131.6 hr</div>	
14/12/2023 10:52:01 AM	Playback interrotto causa interna o su richiesta da sottosistema.	44.68136, 10.94295
	--	

1 Alerts

2 Scroll to see all the parameters

Faults

By pressing the button 1, your machine faults are displayed.

DBDT7340CPDN51872

Menu

- General
- Machine Metrics
- Machine Parameters
- Alerts
- Faults**
- Device Association
- Dealer Association

Faults

Make - Model
New Holland Agriculture - T7.340HD Auto Command PLM Intelligence™

Vin
DBDT7340CPDN51872

Last 24 hours

Search:

Time	Fault	Location
14/12/2023 10:42:21 AM	If antenna 1 error - auxiliary i/o current below normal	44.68344, 10.94331
Source	Severity	Fault Code
Vehicle bus	⚠ Check at next halt	F-3869-5
Active Occurrences	Engine Hours	
Yes 2	131.3 hr	
mobilization controller communication error		
Source	Severity	Fault Code
Vehicle bus	⚠ Check at next halt	F-5124-19
Active Occurrences	Engine Hours	
Yes 3	131.3 hr	

1 Faults

2 Scroll to see all the alerts

Machine details

By pressing the button 1,
all the devices associated with your machine are displayed with s/n.

DBDT7340CPDN51872 ✕

Menu

General

Machine Metrics

Machine Parameters

Alerts

Faults

• Device Association

Dealer Association

Device Association

Name	Device Type	Serial Number
PHOENIX [PHX01]	Display	230300608
PCM-HI	Modem	530456913
CGR	Receiver	NMKM22310011V

1 Device Association

Dealer details

By pressing the button 1,
the info of your preferred dealer is displayed.

DBDT7340CPDN51872 ×

Menu

General

Machine Metrics

Machine Parameters

Alerts

Faults

Device Association

• Dealer Association

Dealer Association

Name And Address	Preferred
Atkinson Tractors Ltd, Cheshire Ch1 6he	
NH Dealer, UK	
NH Dealer, Europe	

1 Dealer Association

Geofences

Geofence is a boundary that triggers a notification every time a machine enters or leaves the boundary.

Setup

Enterprise Products Resources Zones Notifications Templates Files

Geofences Notifications

Search:

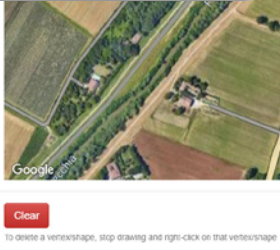
<input type="checkbox"/>	Geofence Name	Date Modified
<input type="checkbox"/>	Trainingskamp	20/04/2023

Showing 1 to 1 of 1 entries

Page 1 of 1

- 1 Press Setup
- 2 Press Notification
- 3 Press Geofences
- 4 Click Add

Showing 1 to 1



- 1 Write a name and click draw
- 2 Draw the Geofence
- 3 Click Done
- 4 Click Save and Add Rule

Geofences

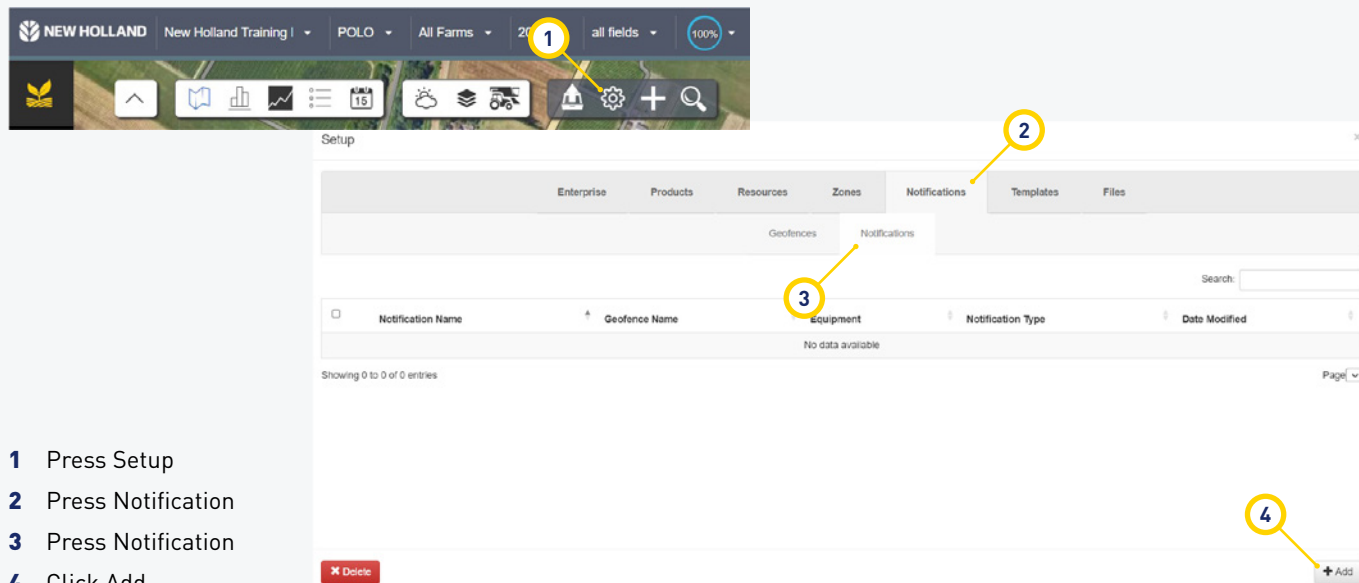
- 1 Write a name
- 2 Select the machine/machines
- 3 Select the geofence that you created
- 4 Select the type of notification
- 5 Press save

The screenshot shows a 'NOTIFICATION' form with the following sections and elements:

- Name:** A text input field containing 'test', indicated by callout 1.
- Equipment:** A dropdown menu showing 'Any Equipment', indicated by callout 2.
- Notification Type:** A dropdown menu showing 'Geofence', indicated by callout 2.
- Geofence Settings:**
 - Geofence:** A dropdown menu showing 'test', indicated by callout 3.
 - On Enter/Exit:** Two buttons, 'On Enter' and 'On Exit', with 'On Exit' selected.
- Notification Preferences:**
 - Push Notification:** A button labeled 'Yes', indicated by callout 4.
 - Email Notification:** A button labeled 'Yes', indicated by callout 4.
- Buttons:** At the bottom, there are three buttons: 'Cancel', 'Save' (indicated by callout 5), and 'Save & Add Another'.

Notification

By pressing the button 1, the info of your preferred dealer is displayed.



1 Press Setup

2 Press Notification

3 Press Notification

4 Click Add

Notification

- 1 Write a name
- 2 Select the machine/machines
- 3 Select the machine parameter
- 4 Select the parameter and the rule
- 5 Select the type of notification that you want to receive
- 6 Press save

Notification Preferences

Push Notification ☐ no

Email Notification ☐ no

Cancel Save Save & Add Another

NOTIFICATION

Name

Equipment

Notification Type

Machine Parameters Settings

Machine Parameter

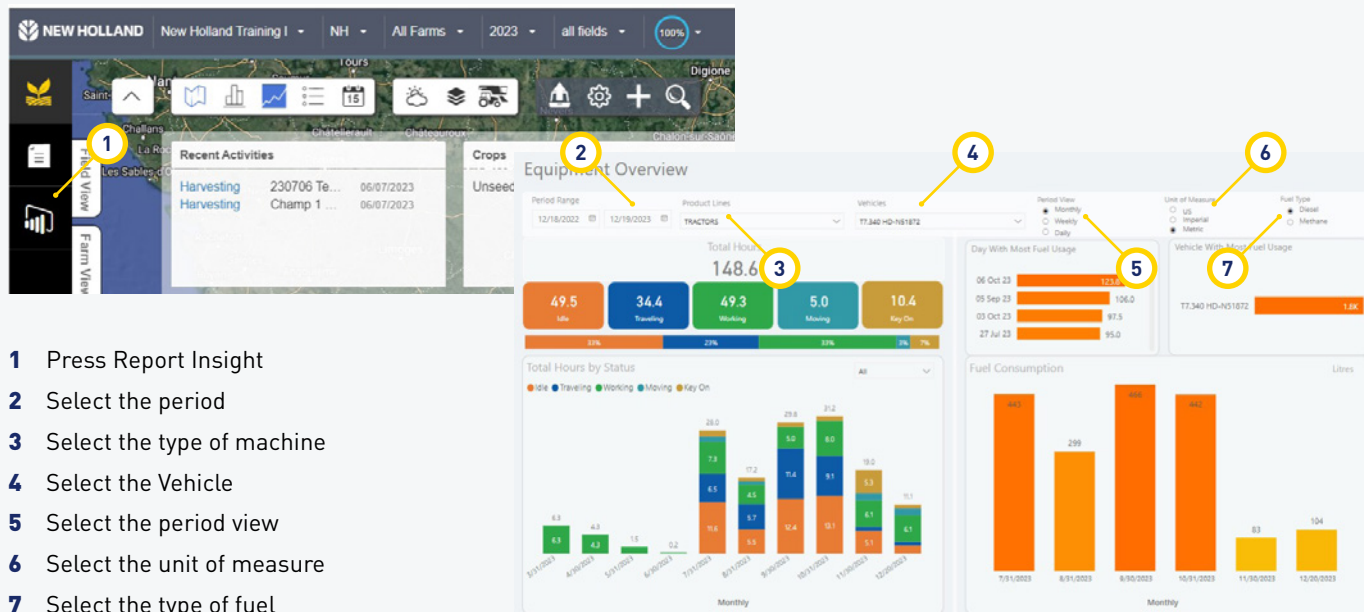
Is Above or Below

This Value

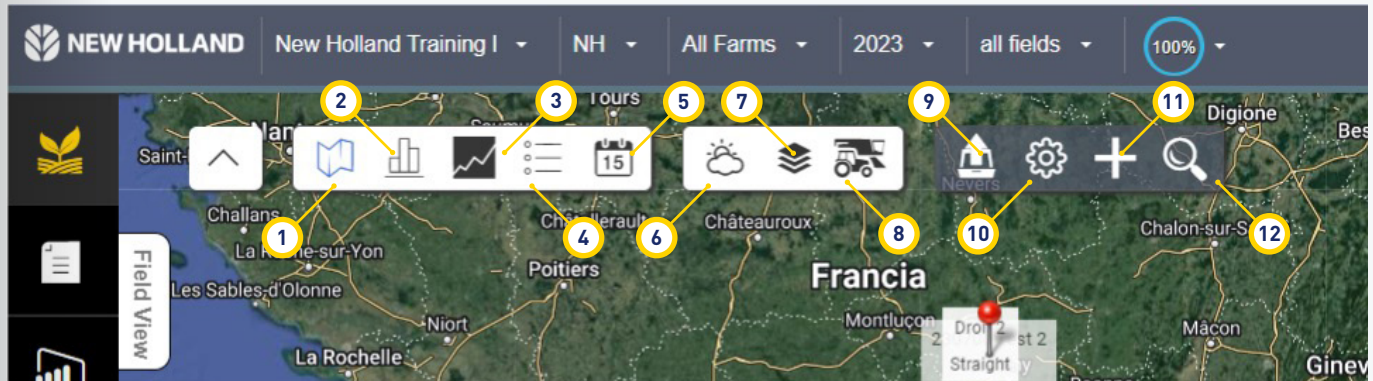
Cancel Save Save & Add Another

Insight

Report Insight is a new type to analyze and create reports for the fleet, here is possible to see the engine hours and fuel consumption of all the machines.



Buttons

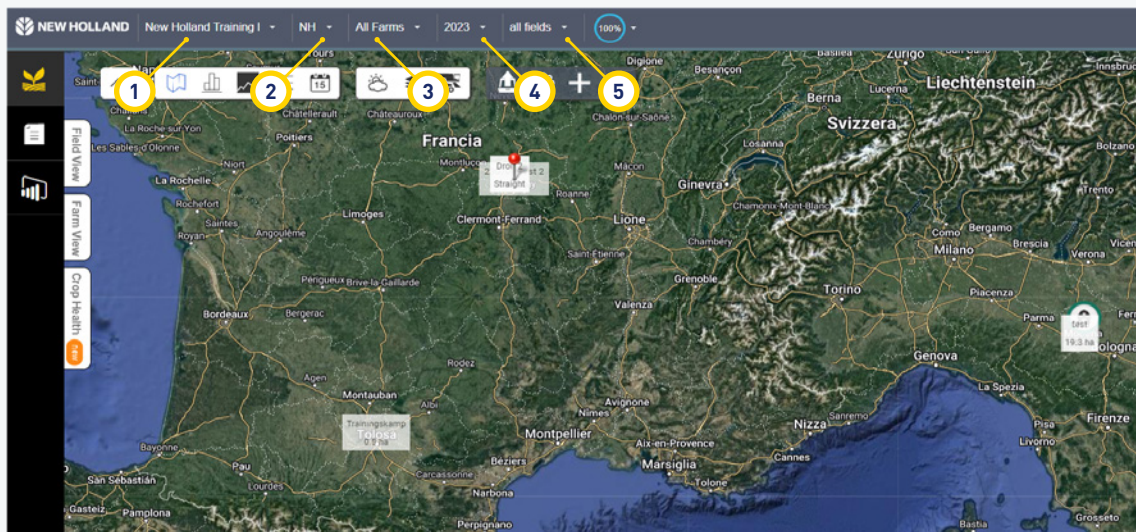


- | | |
|--------------------|-------------------------|
| 1 OVW | 7 Layers |
| 2 Charts | 8 Equipment mode |
| 3 Dashboard | 9 Export |
| 4 History | 10 Setup |
| 5 Calendar | 11 Add |
| 6 Weather | 12 Search |

GFF

Select

- 1 Account
- 2 Grower
- 3 Farm
- 4 Season
- 5 Field



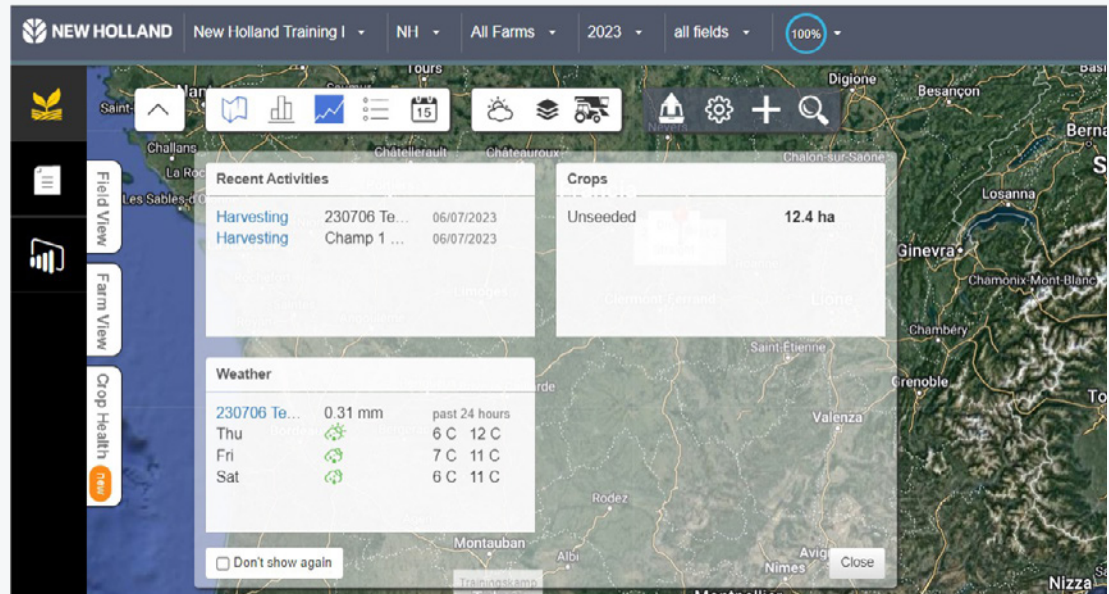
Quick status

Quick look on:

Weather

What has been done

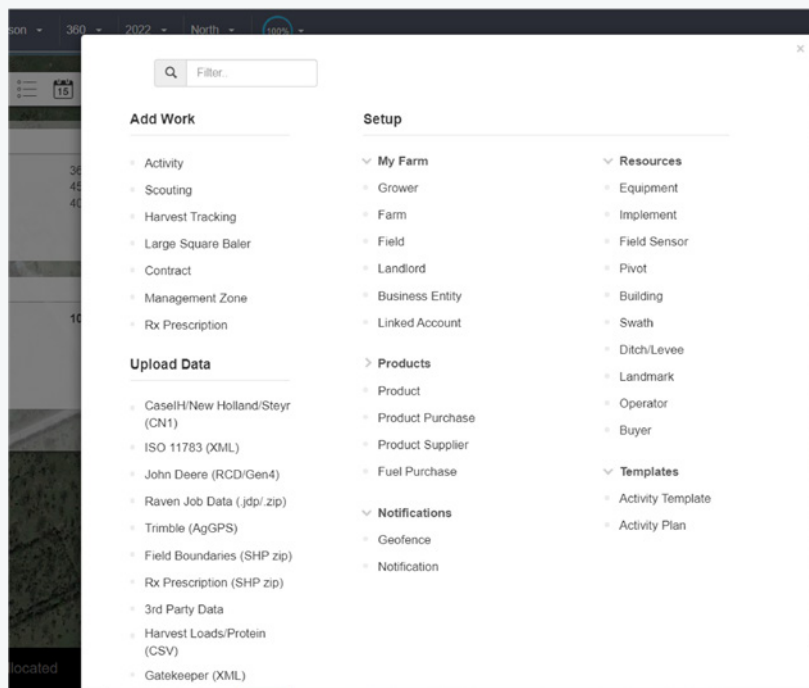
Crops to be planted.



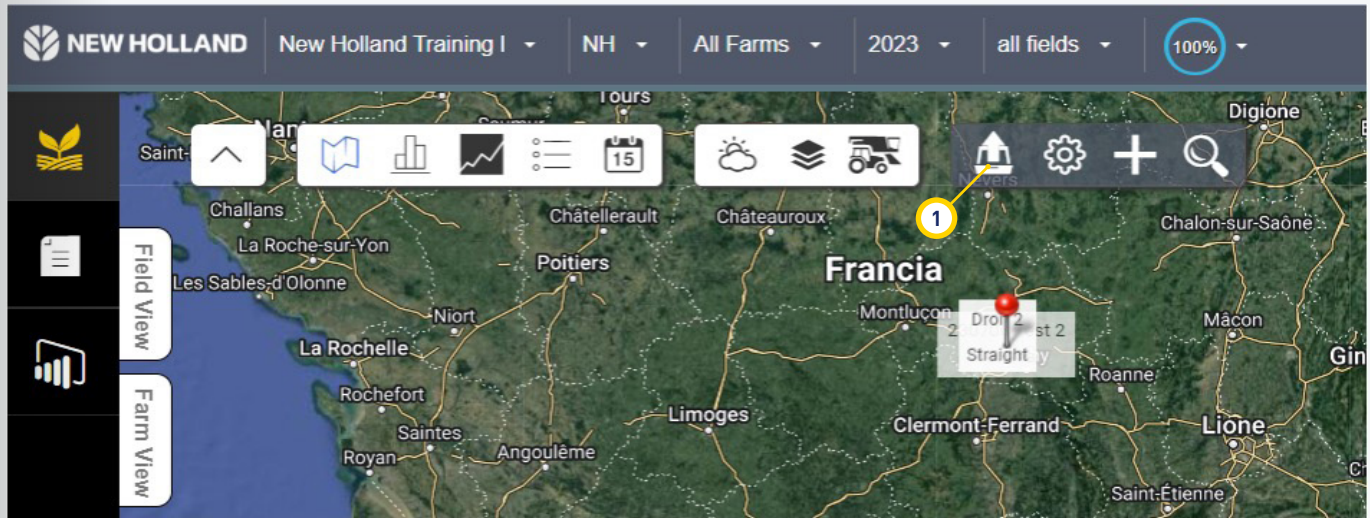
Add

Click on Add

- **RX Prescription**
- **G / F / F**
- **Swath**
- **Ditch/Levee/Landmark**
- **Upload Many Formats.**

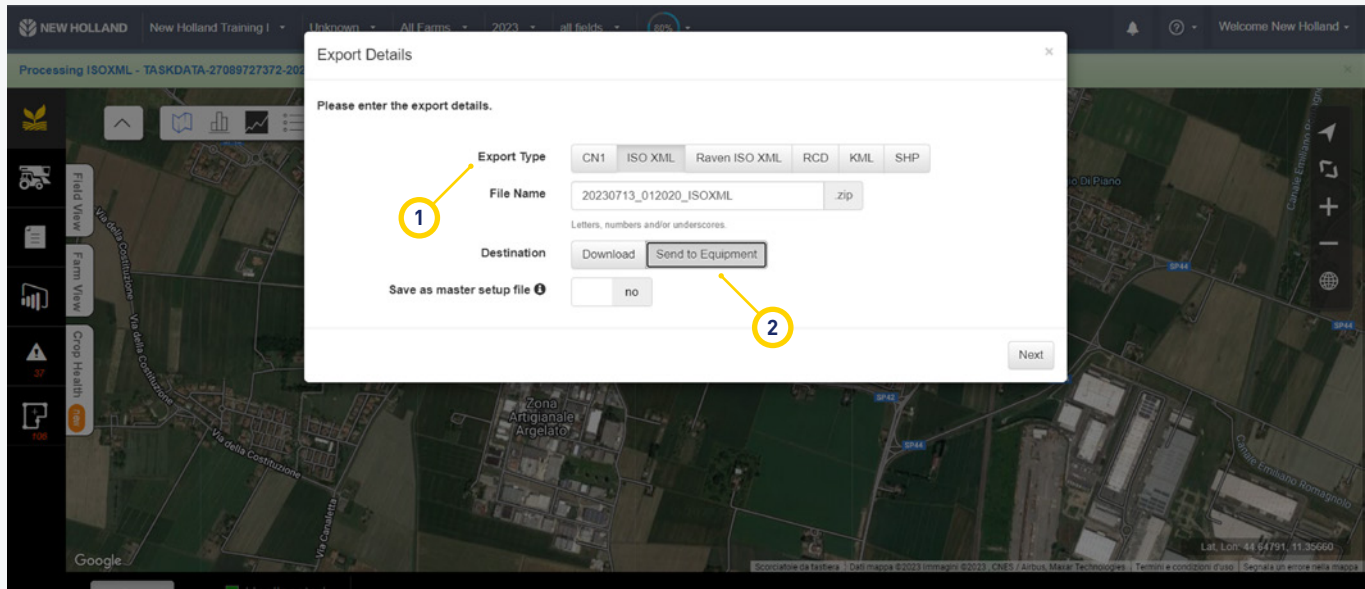


Send to Vehicles



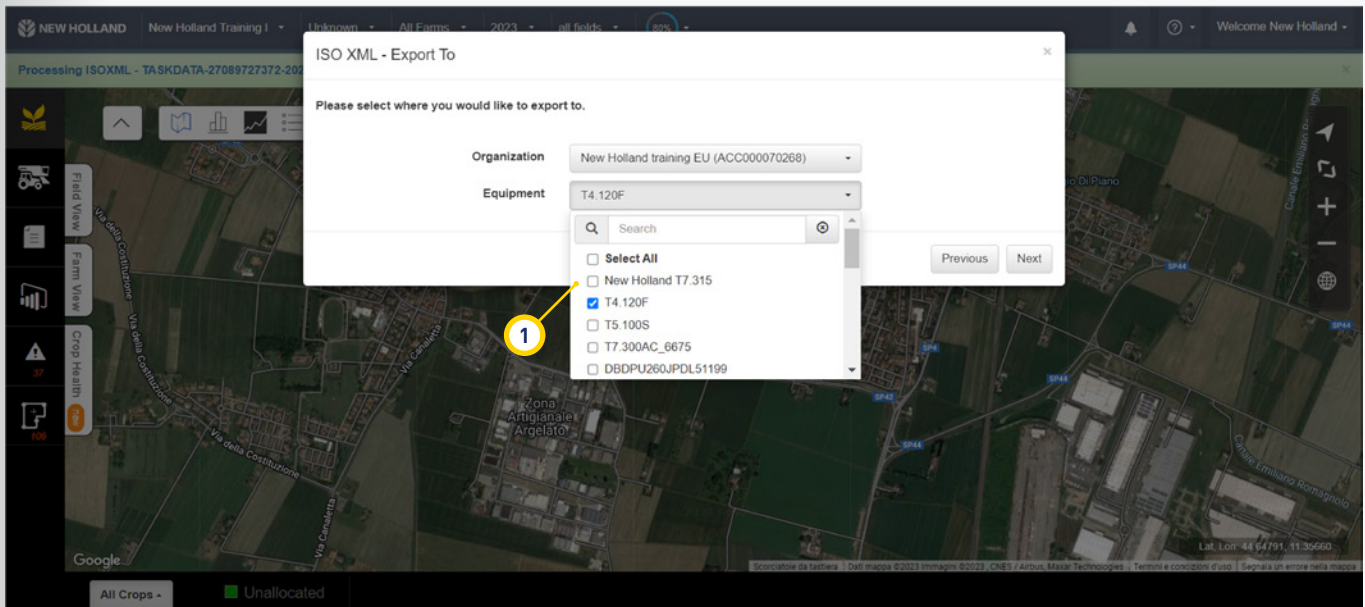
- 1 Click on send icon to start the procedure

Send to Vehicles



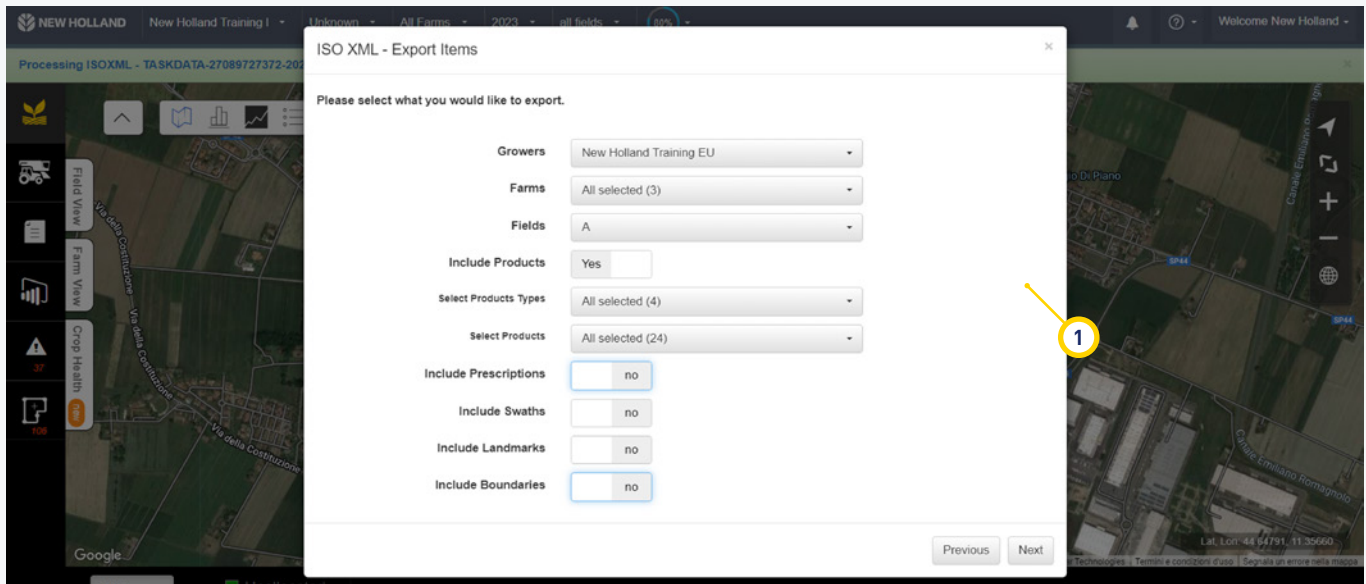
- 1 Select the extension for the file that you want to send (for IV4 use. CN1 while for IV12 use. ISOXML)
- 2 If you want to send directly to the machine click on send to equipment otherwise you can download the file and use a USB stick to load it in the monitor

Send to Vehicles



- 1 Select the vehicle that you want to send the file

Send to Vehicles



NEW HOLLAND New Holland Training I - Unknown - All Farms - 2023 - all fields - 80% - Welcome New Holland -

Processing ISOXML - TASKDATA-27089727372-202

ISO XML - Export Items

Please select what you would like to export.

Growers New Holland Training EU

Farms All selected (3)

Fields A

Include Products Yes ☐

Select Products Types All selected (4)

Select Products All selected (24)

Include Prescriptions ☐ no

Include Swaths ☐ no

Include Landmarks ☐ no

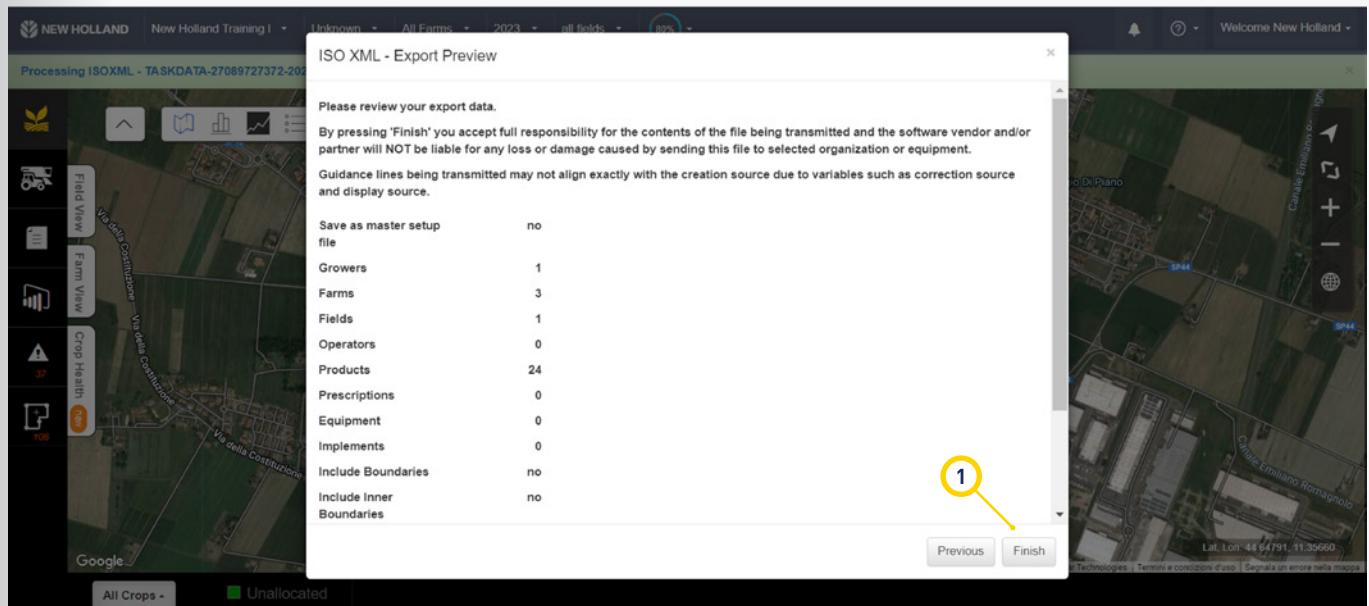
Include Boundaries ☐ no

Previous Next

1

- 1 Select GFF to send and desired details

Send to Vehicles



- 1 Click on Finish button

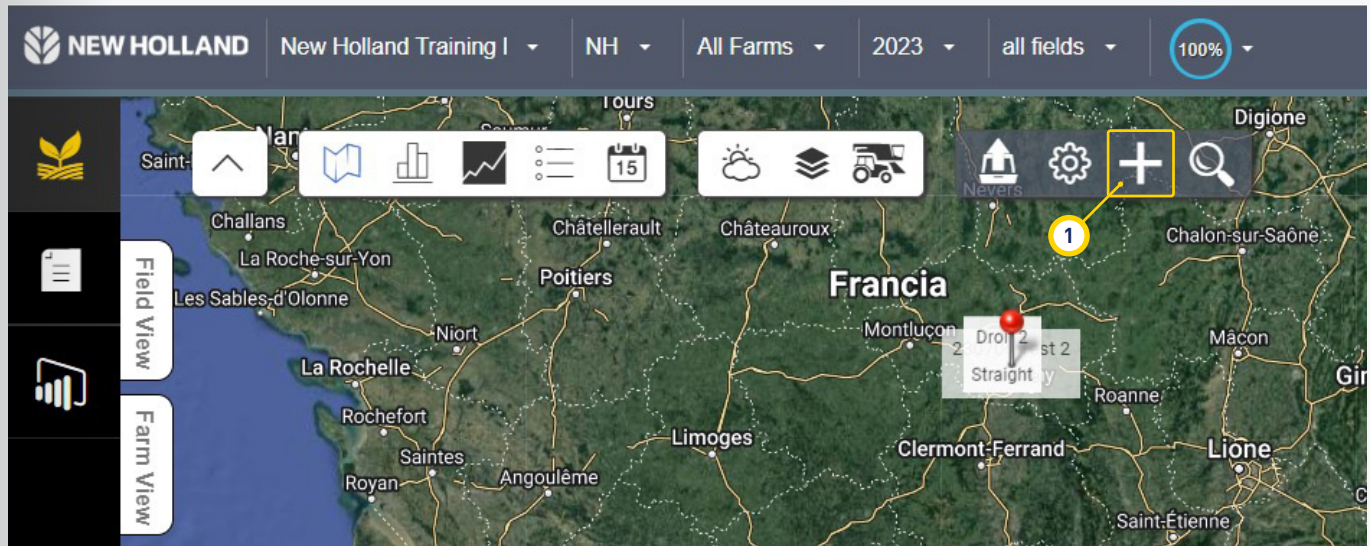
Send to Vehicles

The screenshot displays the MYPLM®CONNECT software interface. A modal dialog titled "ISO XML - Export Status" is centered on the screen. The dialog has a green header bar with the text "File was sent successfully". Below this, a table shows the export details:

Equipment	Status
T4.120F	Successful, Transaction Id:71cf0e20-8282-4f9d-ba3f-91433bfc7424

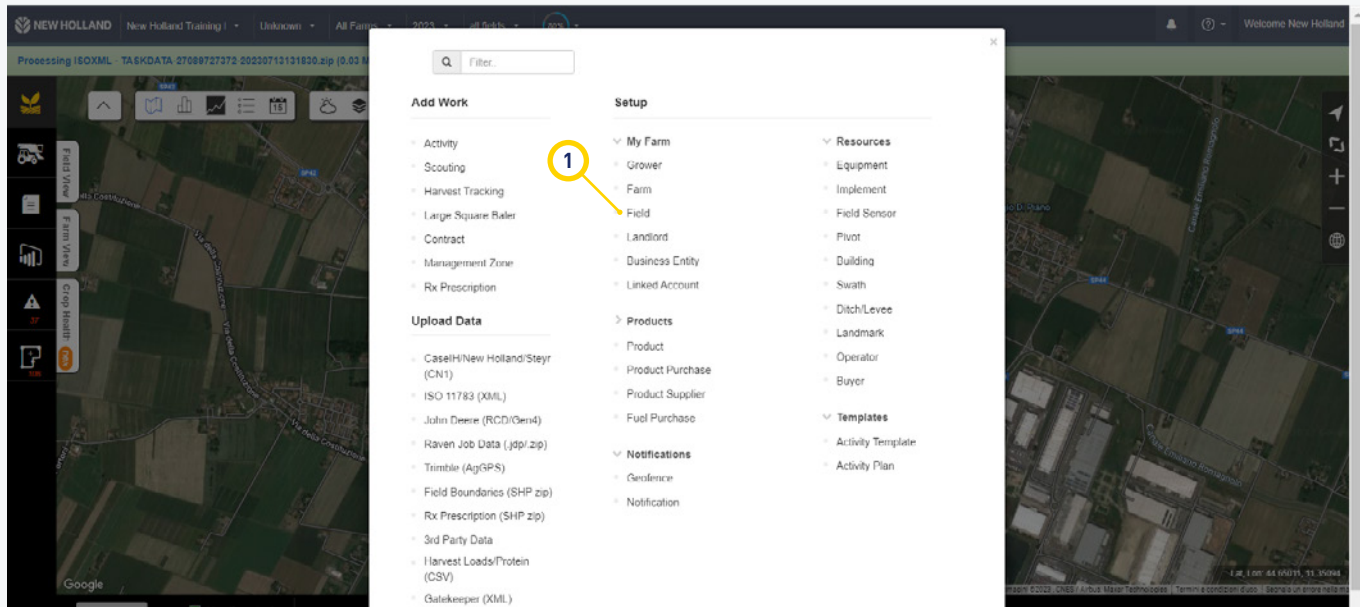
At the bottom of the dialog, there are two buttons: "Close" (highlighted with a yellow border) and "Previous". The background of the application shows a satellite map of a rural area with various roads and fields. The top navigation bar includes the "NEW HOLLAND" logo and several menu items. The bottom of the screen features a "Google" logo and a legend indicating "All Crops" and "Unallocated".

Create new field



- 1 Click on Add button to start the procedure

Create new field



- 1 There are many things that you can create from this menu, by clicking on field you can start the procedure to draw a new field boundary

Create new field

FIELD

Details

Grower: New Holland Training EU
 New grower name
 Select grower or enter new grower name

Farm: Pennis
 New Farm Name
 Select farm or enter new farm name

Field Name: test

Subscription Level
 Calculated Area: ha

Type

Category: Boundary
 Irrigation: non-irrigated
 Business Entity: Nothing selected
 Leased/Own: Owned

Cancel Save Save & Add Another

FIELD

Field Name: test

Subscription Level
 Calculated Area: ha

Type

Category: Boundary
 Irrigation: non-irrigated
 Business Entity: Nothing selected
 Leased/Own: Owned

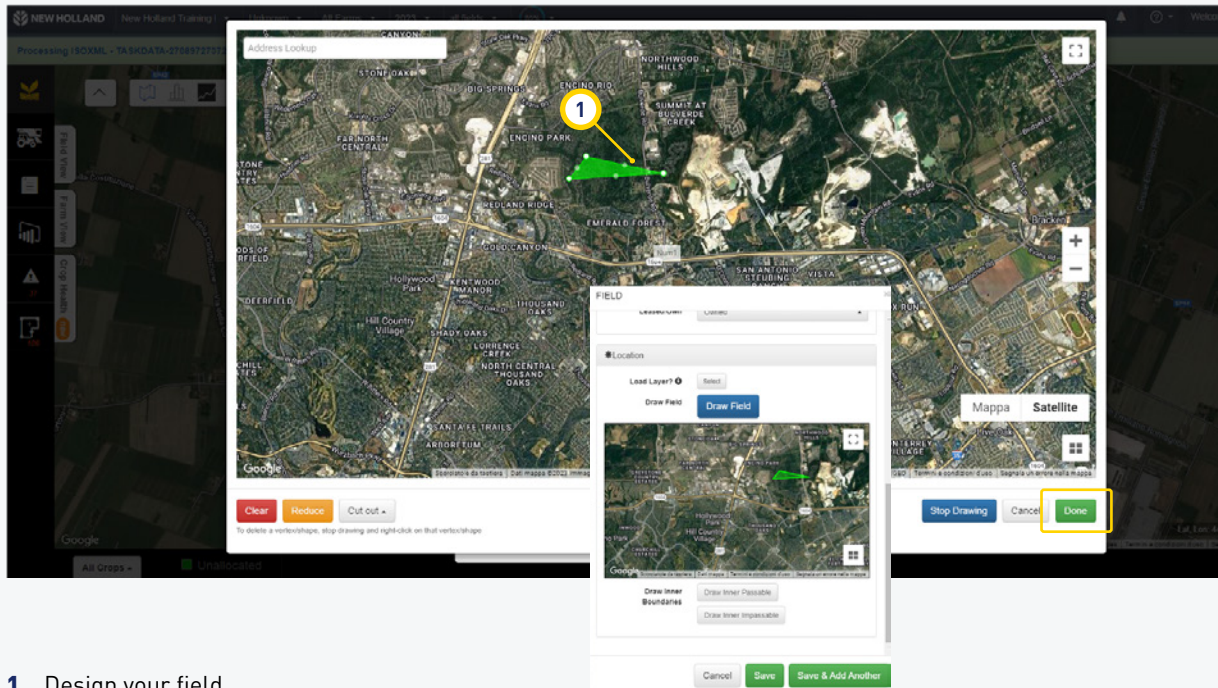
Location

Load Layer? Select
 Draw Field: Draw Field
 Draw Inner Perimeter: Draw Inner Perimeter
 Draw Inner Impassable: Draw Inner Impassable

Cancel Save Save & Add Another

- 1 Select the grower farm and then set a name for the new field
- 2 Scroll down and press on the button draw field

Create new field



IntelliView connect

The screenshot displays the New Holland IntelliView connect interface. On the left, the 'Equipment' panel lists several machines with their status, fuel level, and DEF level. A yellow circle with the number '1' highlights the 'HACT7300JNDK00028' tractor. On the right, a map view shows the location of the selected tractor. A yellow circle with the number '2' highlights the 'Remote Display' button in the bottom right corner of the map view.

Machine	Fuel Level	DEF Level
FR920 Forage Harvester FR920 Forage Cruiser 302 hr	48%	50%
HACT7300JNDK00028 Tractor T7.300 Auto Command™ PLM Int 93 hr	10%	90%
HACT7270LPD400227 Tractor T7.270 Auto Command™ 365 hr	12%	86%
DBDT7340CPDN51872 Tractor T7.340HD Auto Command PLM Int 139 hr	55%	93%
DBDPU260JPD51199 Tractor Puma® 260 CVX AFS Connect™ 145 hr	16%	40%
HACT7270CPD400482		

- 1 Click on the vehicle that you want to show
- 2 Click on the remote display button to start the procedure
(Teamviewer must be installed on the PC) remote display view

AT YOUR OWN DEALER

www.newholland.com



The data indicated in this folder are approximate. The models described here can be subjected to modifications without any notice by the manufacturer. The drawings and photos may refer to equipment that is either optional or intended for other countries. Please apply to our Sales Network for any further information. Published by New Holland Brand Communications. BTS Adv. - Printed in Italy - 01/24 - (Turin)