Viper® 4+ Patriot® 3250, Patriot® 4350, Patriot® 4450

Precision Farming & Guidance Layout and Icons



instructions and warnings for correct and safe operation of this equipment.

Machine Configuration

The Machine Panel displays the selected machine configuration and provides access to the following settings which make up the machine configurations:



Job Profiles

The job profile panel provides the operator or system administrator with the following tools to set up, filter, and select profiles for specific field operations or tasks.

1 Job Profile Settings

Record the Grower, Farm, and Field data in the Job Profile settings, as well as scouting information, or saved guidance lines for use during upcoming field operations or reuse during future seasons.



2 | Start / Resume Job

1. From the Jobs panel, click on a Grower to view a list of jobs or create a new job.

2. Start job. Touch the Start Job operation to begin a default field operation with or without assigning Grower, Farm, Field data or profiles to the job. This option may be desired to quickly start a job or if additional data collection or record keeping will not be necessary. GFF, scout guidance lines, and scout groups can be loaded if applicable.



3 | Performing Work

After starting a job, the job screen will be shown. The job screen provides visual coverage mapping and other information. If this is a local job, the coverage of only the operator's current sprayer will be shown. If this is a cloud job, the coverage of other operators can be shown, as well as how long the other operator(s) have been active in the job.

Guidance Views and Widgets

The display features a customizable guidance display using widget based tools and display utilities. Each equipment operator may select the widgets to be displayed during a job, relocate widgets within the job screen, and save the layout for use during future operations or by different operators.



Getting Started with Autoguidance

1

3

5

If you intend to use autoguidance for your operation, make sure that the GNSS system is fully initialized before working. Upon starting the vehicle, follow the GNSS system status messages on the display for instruction. For more details, see the display software operating guide.





Recalibrate AB Guidance Path: is inteneded to be used to reset an existing guidance path to the current vehicle position to correct for issues such as GPS drift.

FN 92117718

Getting Started with Application Control

Create your products



1

2

3

Access the product configuration panel.



Click on Add

Enter in the desired name or description, click on 'Done'. The product setup will be displayed.

Each product needs a unique name, the product form, and rates.

Use the plus button at the button to create additionl products or click the start button when satisifed.



Product Control User Settings

During field operations, the display creates a live coverage reference map for the equipment operator. During rate control operations such as applying, the display will show field areas in which the actual monitored rate of product application is at, or within tolerance, of the target rate or where the actual rate is too high or too low.

NOTE: Perform Product Control User Settings adjustment before starting a job.



1. Access the Administrator Panel from the top of the display.

2. Select the User Profile

3. Navigate to the 'Product Control User' Settings.

The following thresholds can be set:

Max Rate: Enter the top limit for product application before the display alerts for a high rate condition.

Min Rate: Enter the bottom limit for a product application before the display alerts for low rate condition.

Zero Rate Tolerance: Enter the minimum application rate required for the control system to register as field coverage.

(This is used to avoid logging false pulses when in zero rate zones.)

Setting up Application Control

A Physical Switch will be used to control application.



Section Status: Displays the status of each section as either Green (On) or Red (Off). Note: Section status widget works with physical boom sections (up to 9 sections) and does not work with virtual sections (nozzle by nozzle).



Indiviudal Product Control: Displays the target and actual rate of the each product. You can also select the control mode (Auto, Manual, or Off). You can also access the product control settings within the job.