

MATRIX 430VF

GUIDANCE FOR VINEYARDS/ORCHARDS Software version 1.04

SETUP THE CONSOLE

1. On guidance screen, press NAVIGATION AND GUIDANCE OPTIONS tab to display options.
2. Press HOME button .
3. Press CONSOLE button . Adjust settings as needed.
 - ▶ LCD Brightness
 - ▶ Colour Scheme
 - ▶ Units
 - ▶ GNSS Demo Mode
 - ▶ Screenshot
 - ▶ Time Zone

CONFIGURE THE MACHINE

4. From the Home screen , press CONFIGURATION button .
5. Select and configure a Machine profile .
 - ▶ Select Machine Profile Number **A** – use to select 1 of 5 machine profiles. The profile that is “active” is displayed/active on the operation screen.
 - ▶ Set Machine Type **B** – used to select the type of machine to indicate how the vehicle will be displayed in relation to the rows and canopy on the Guidance screen.
 - Mounted and trailed Airblast
 - Tower nebuliser/Powder Machine
 - Self-propelled
 - Harvester
 - ▶ Set Number of Implement Sections **C** – used to select the number of implement sections. Range is 1 to 12 sections.
 - ▶ Set Section Widths **D** – used to enter the width of each section. Each section can be a different width.
 - ▶ Set In-Line Implement Offset Distance **E** – used to define the in-line distance from the GNSS antenna (the zero point) to the implement.
 - Positive value will move the implement behind the GNSS antenna.
 - Negative value will move the implement in front of the GNSS antenna.
6. Select and configure a Field profile .
 - ▶ Select Field Profile Number **F** – use to select 1 or 5 field profiles. The profile that is “active” is displayed/active on the operation screen.
 - ▶ Set Row Spacing **G** – used to enter the spacing between each row.
 - ▶ Set Canopy Width **H** – used to enter the width of the canopy.
 - ▶ Set Number of Rows **I** – used to select the number of rows to next guideline.
7. Set GNSS configuration .

NOTE: When using the Matrix 430 in Europe, always work with GPS and GLONASS. Use SBAS (EGNOS) where applicable.



SETUP GUIDANCE

- From the Home screen , press GUIDANCE button .
- Establish desired Selectable Guidance Bar Information.
 - Speed
 - Total Applied Area
 - Application Time
 - Cross Track Error
- On vehicle view guidance screen, from the NAVIGATION AND GUIDANCE OPTIONS tab , select Guidance mode
 - Straight AB guidance
 - Next Guideline guidance
 - No guidance
- On vehicle view guidance screen, from the NAVIGATION AND GUIDANCE OPTIONS tab , create boundary
- Create AB guideline (Straight AB guidance only).

GUIDANCE SCREEN OPTIONS

- ▶ Application Mapping – press VEHICLE icon in the centre of the guidance screen to turn on or off application mapping.
- ▶ Return to Point – set a return point to provide guidance back to the established point.
- ▶ A+ Nudge Feature – allows the current guideline to be shifted to the vehicle's current location.
- ▶ Section Control – enable/disable application mapping.
 - To adjust the sections starting from the section on the left, press the LEFT SECTIONS ON/OFF icons .
 - To adjust the sections starting from the section on the right, press the RIGHT SECTIONS ON/OFF icons .
- ▶ Transport Mode – recommended for use when traveling between fields as this will improve accuracy in guidance functions.

