

To create a configuration, make the following button presses to start the Configuration Wizard and then follow the instructions given on the display.



Enter Settings



Planter Configuration

**Front Units**

0

Choose the number of front "pusher" row units

**Rear Units**

16

Choose the number of rear row units

**Shaft RPM Sensors**

4

Choose the number of drill shaft RPM sensors

**Row Spacing**

30 in

Select Row Spacing

**Sensitivity**

0

Seed size sensitivity, automatically adjusts based on crop type selected. Higher sensitivity is used for smaller seeds. Lower sensitivity if dust is affecting displayed population.

**Reset**

Allows user to redo the Muxbus Sensor Detection

## Ground Speed

**Magnetic Pickup**

Check this box if planter is equipped with a magnetic pickup speed sensor.

**Calibrate**

Calibrate the magnetic pickup speed sensor by driving a known distance and entering that distance into the display. (PMM must be selected for speed source to allow calibration)

## Speed Source

PMM

Choose desired speed source from drop down menu

## Other Sensors

Down Press     SDS

Oil Sensor     Air Comp

Tank Weight

Check mark the boxes of specific sensors that are equipped on the planter

**EdgeVac Sensors**

2

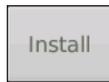
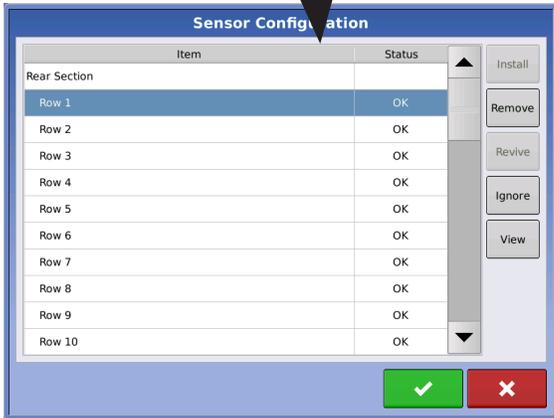
**Calibrate**

Select the number of EdgeVac vacuum sensors that are equipped on the planter

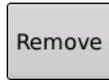
EdgeVac sensors should be calibrated each season

**Tank Press**

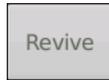
Check this box if planter is equipped with a tank pressure sensor Calibrate tank pressure sensor each season



Select after replacing a failed sensor. Use this option to avoid have to redo the entire Muxbus Sensor Detection



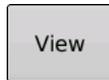
Select if a sensor fails, and will be replaced with a functioning sensor



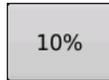
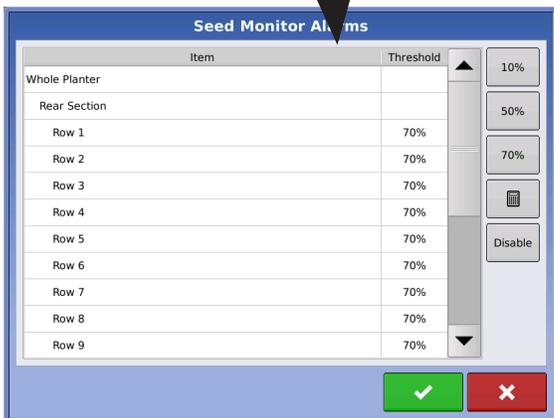
Select to no longer ignore a sensor



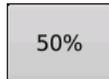
Select if a sensor has failed, and an immediate replacement is not available



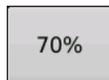
Displays sensor's ID#, Serial #, Model # and Baud rate



Configure population alarms



Alarm will sound if the individual seed tube sensor senses a planting rate of the selected percentage relative to planter average population.

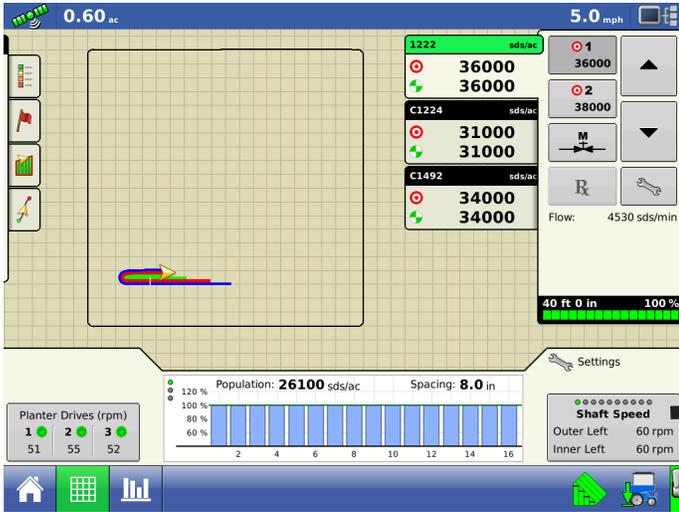


To start the Field Operation Wizard and load a configuration:



To view run screen:





**Shaft Speed**

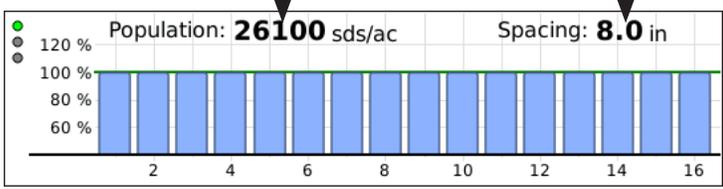
- Outer Left 60 rpm
- Inner Left 60 rpm

Auxiliary sensors in bottom right. Touch box to cycle through other sensors.

Settings

Press Settings button (Wrench) on Map screen to access Planter Options defines what is displayed for population and spacing on the bar graph

The 'Planter Options' screen has three tabs: 'Planter Drives', 'Planter Monitor', and 'Down Force'. The 'Planter Monitor' tab is active, showing a 'Plant Average' button, a 'Freeze' button, and a 'Scan' button. A central display shows the number '16'. A 'Diagnostics' button is located at the bottom right.



- Scan** Displays population for each individual row for a period of time
- Freeze** Displays population for any selected individual row
- Plant Average** Displays average population for entire planter

The 'Planter Monitor Diagnostics' screen is divided into two sections. The left section, 'Seed Sensors', is a table with columns 'sds/sec' and 'sds/ac'. The right section lists various sensors and their values.

Seed Sensors	sds/sec	sds/ac
1	11	26136
2	11	26136
3	11	26136
4	11	26136
5	11	26136
6	11	26136
7	11	26136
8	11	26136
9	11	26136
10	11	26136

Shaft 1	60 rpm
Shaft 2	60 rpm
Shaft 3	60 rpm
Shaft 4	0
Magnetic Pickup	5 mph
Magnetic Pickup Pulses	45
SDS Shaft 1	100 rpm
SDS Shaft 2	100 rpm
Hydraulic Oil	ON
Down Pressure	62 PSI
Edge Vac 1	20.0 in
Edge Vac 2	20.0 in
Tank Scale 1	0 lb
Tank Scale 2	0
Seed Tank Pressure 1	0 in
Seed Tank Pressure 2	0
Air Compressor Pressure	0 PSI