
BOURGAULT
X30
Monitor/Controller
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SIMPLICITY.
DURABILITY.
TOPCON
Precision Agriculture
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Blockage

The following pages outline the steps and procedures that are required to ensure the proper function of the blockage sensor when used with an X30 monitor.

NOTE: It will be required to have the drill connected to the tank and monitor to properly set up the blockage system.

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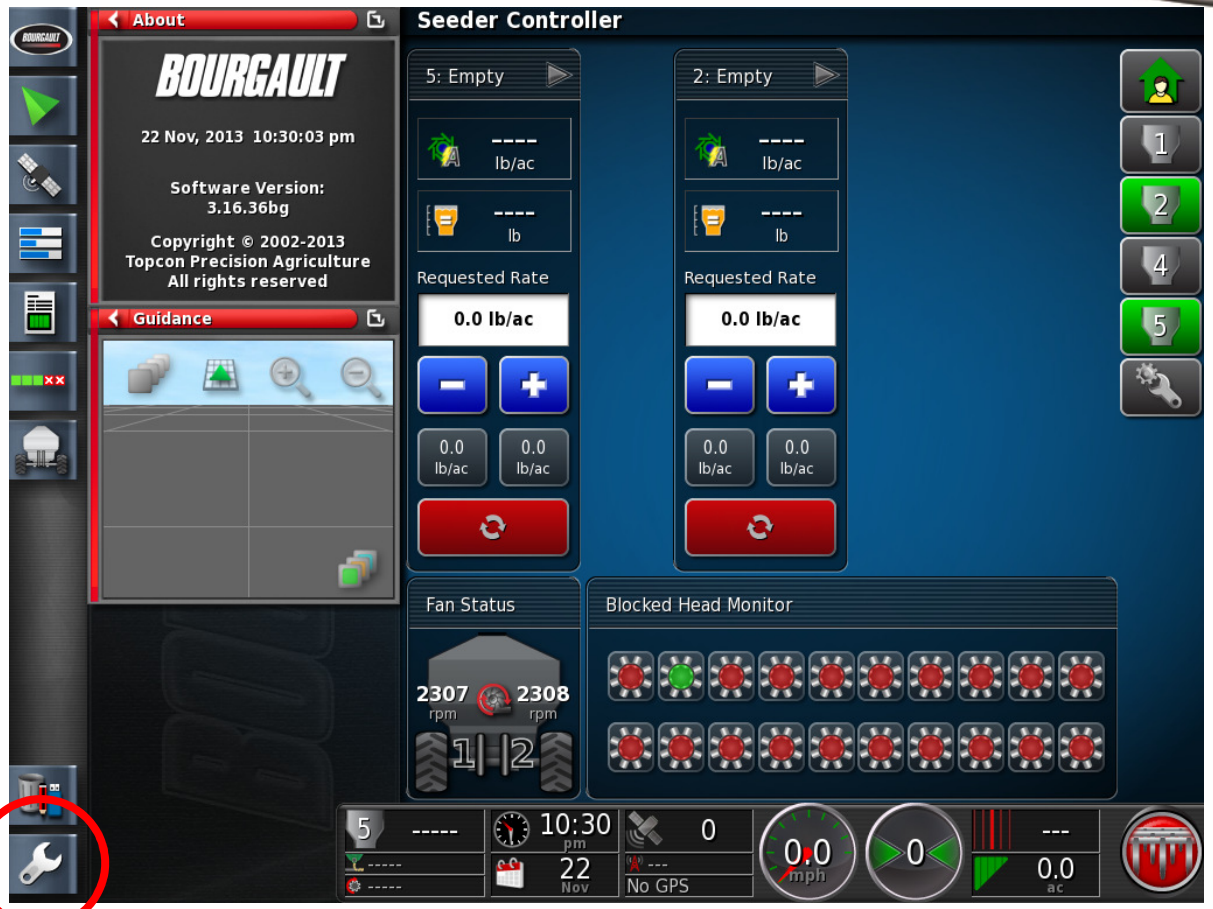
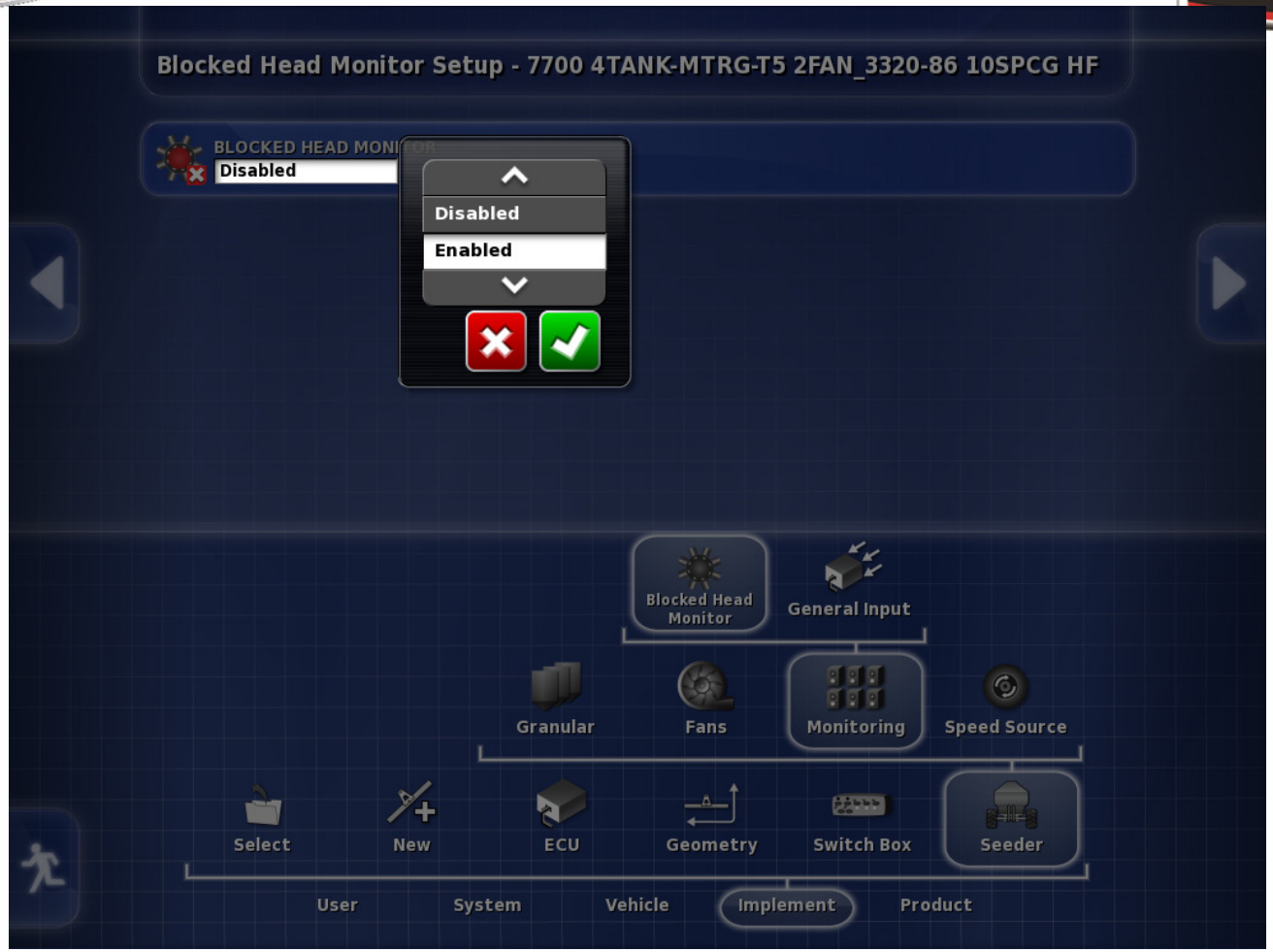
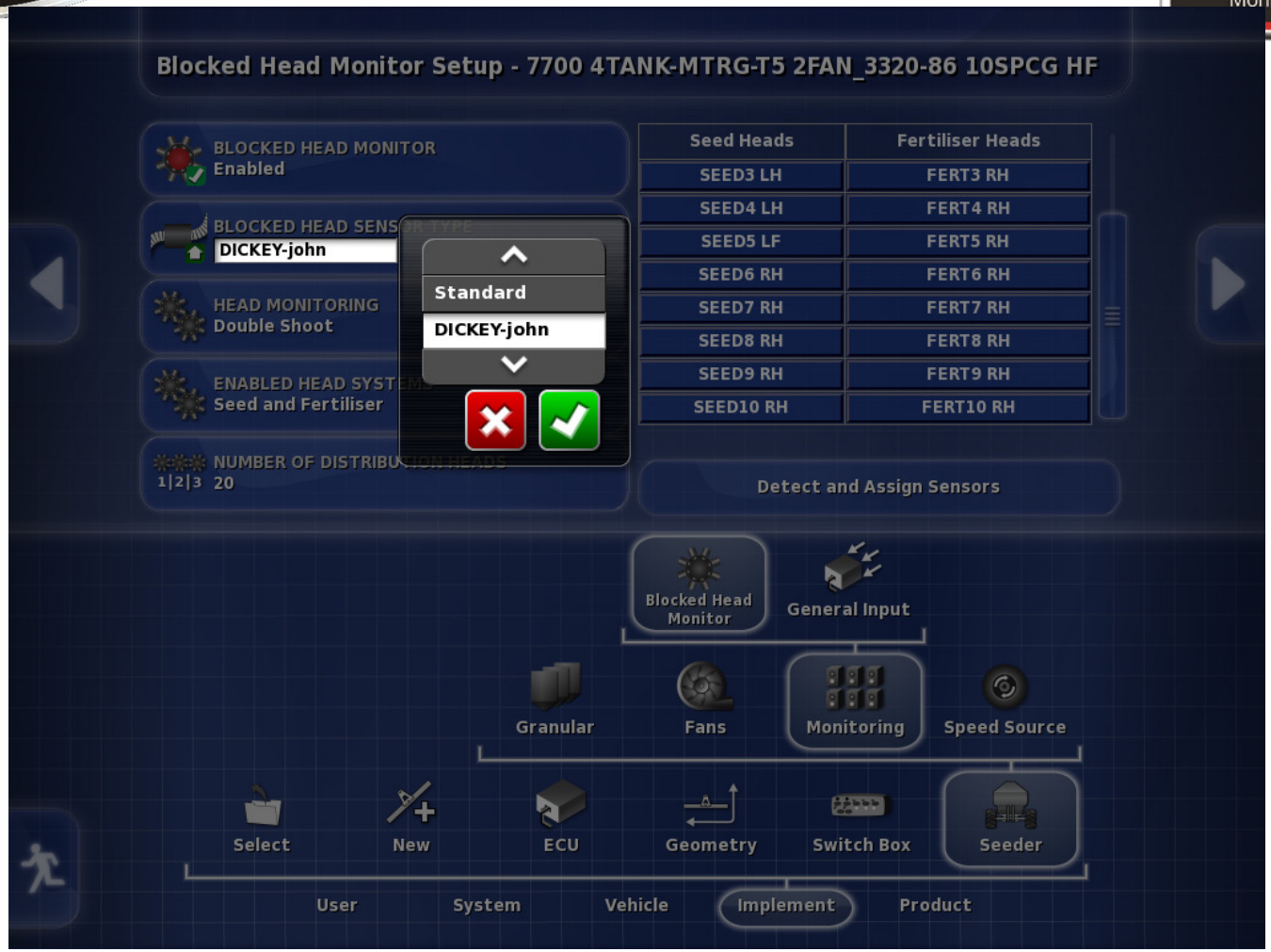


Enter SETUP by touching the wrench located in the lower left corner of the operation screen of the X30.

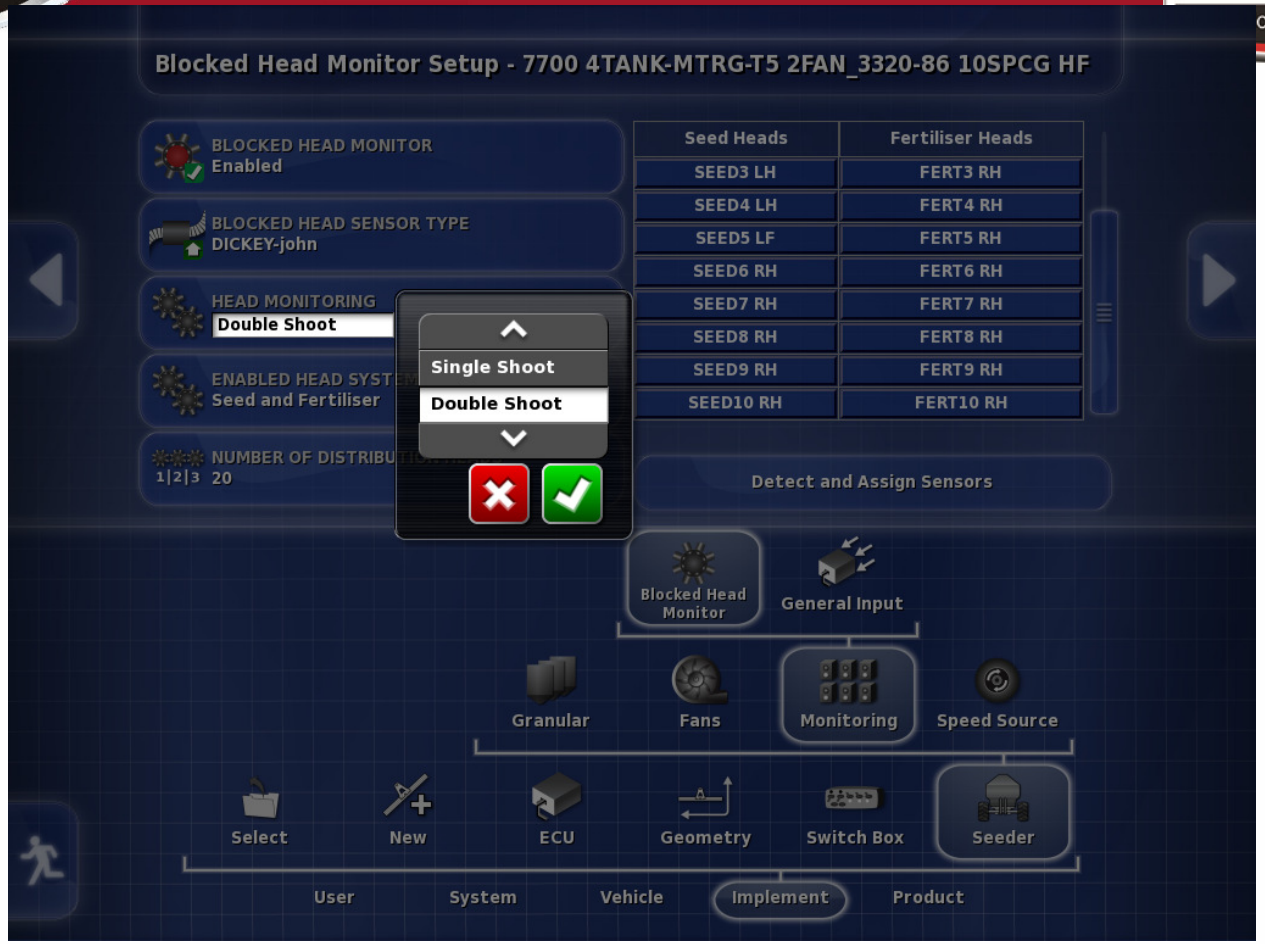
Select Implement/Seeder/Monitoring/Blocked Head Monitor



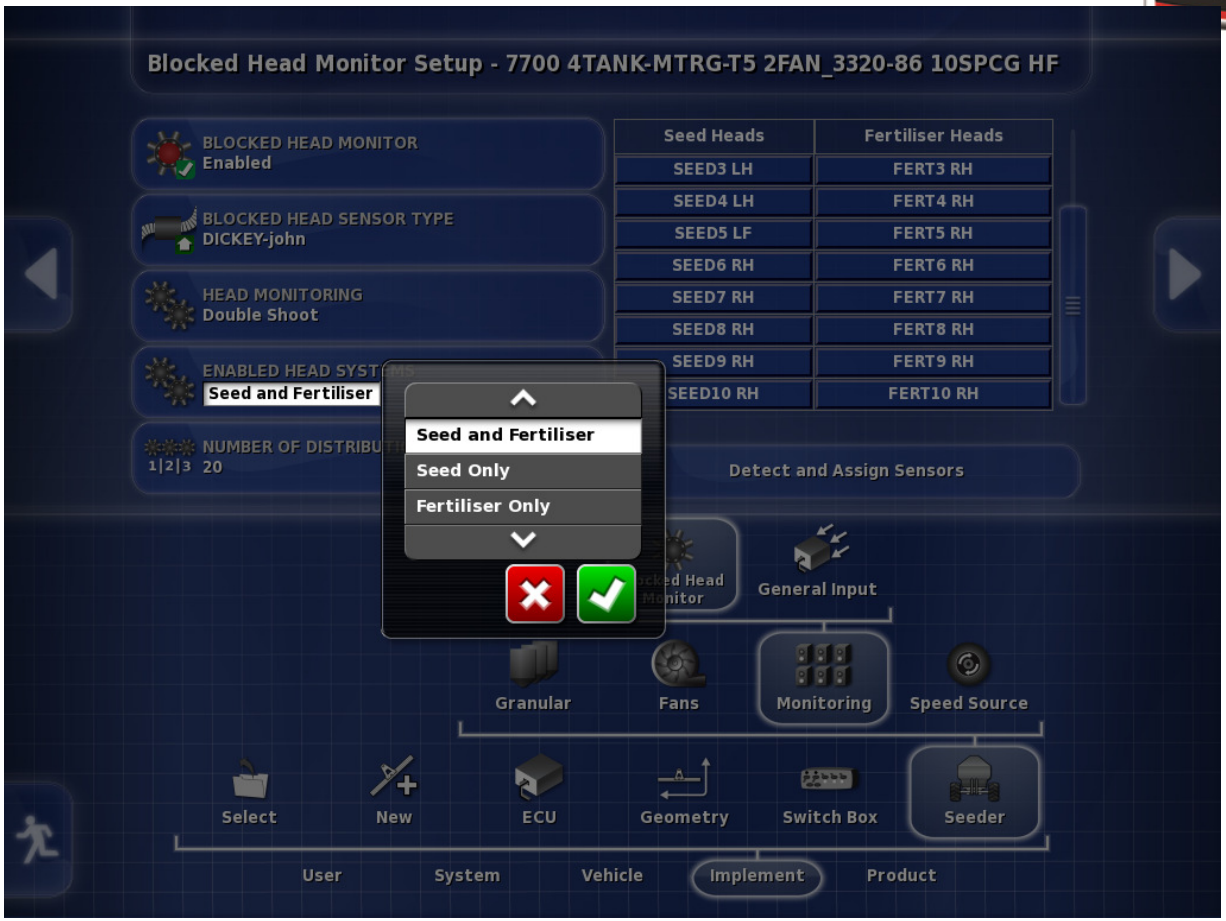
Enable the BLOCKED HEAD MONITOR the touch the green check



Touch BLOCKED HEAD SENSOR TYPE, select DICKEY-john and touch the green check.



If you have blockage sensors on both seed and fertilizer runs select Double Shoot and if only on seed runs select Single Shoot.



Touch ENABLED HEAD SYSTEMS and select which runs to be monitored.
NOTE: If not using either seed or fertilizer runs you would disable it here to avoid unwanted alarms.

Touch NUMBER OF DISTRIBUTIO HEADS and enter the number of SENSORS.

Bourgault systems would normally have one sensor per secondary manifold. The example shown above would be for a 10 port double shoot system found on an 86' 3320 @ 10" with MRB's

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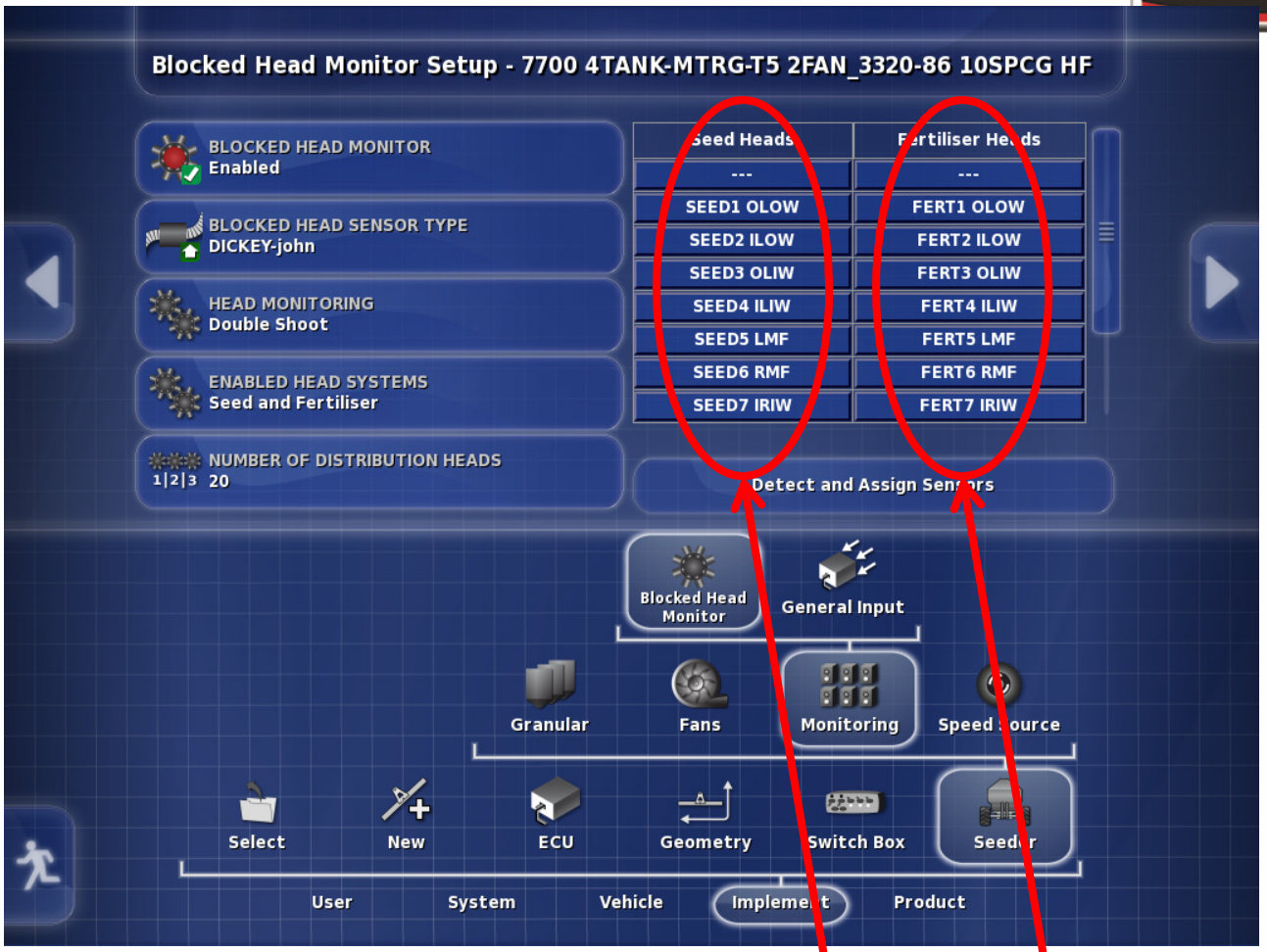

You can and should rename the seed and fertilizer heads by touching each of them from this screen.

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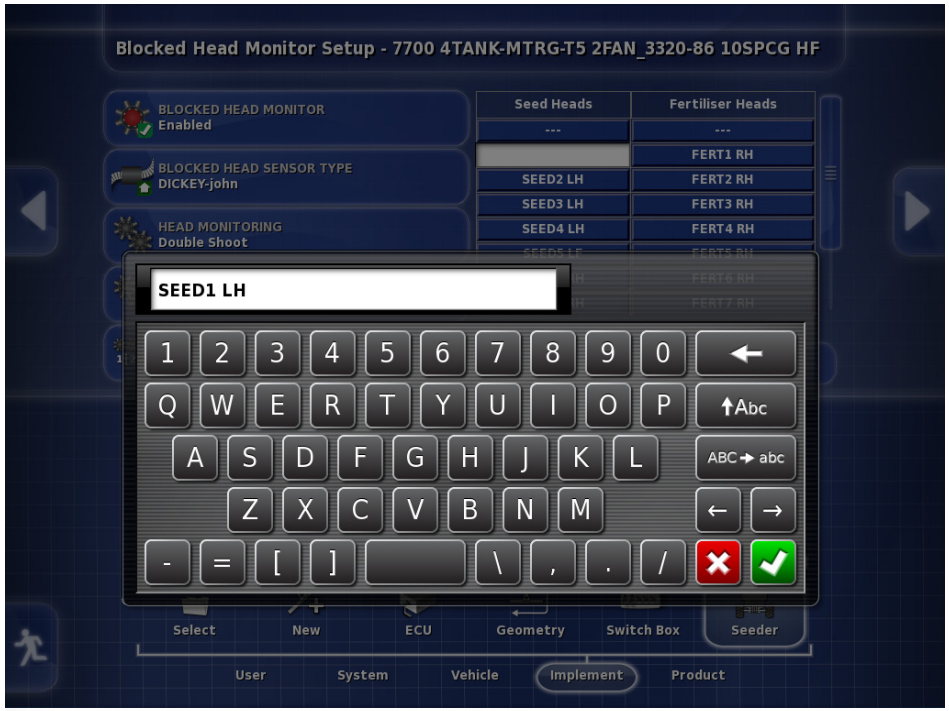
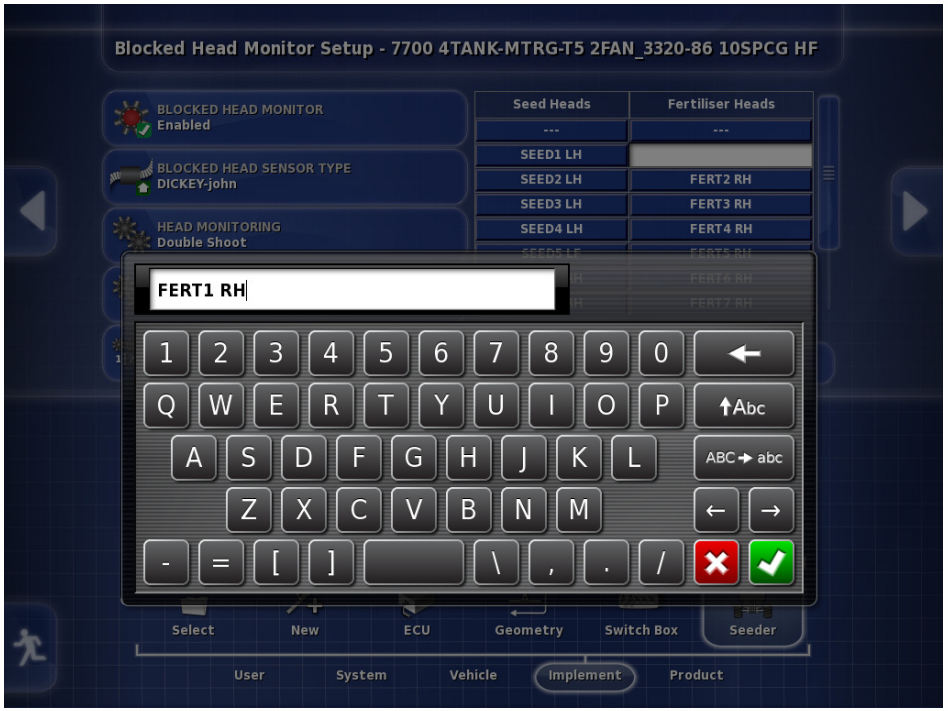
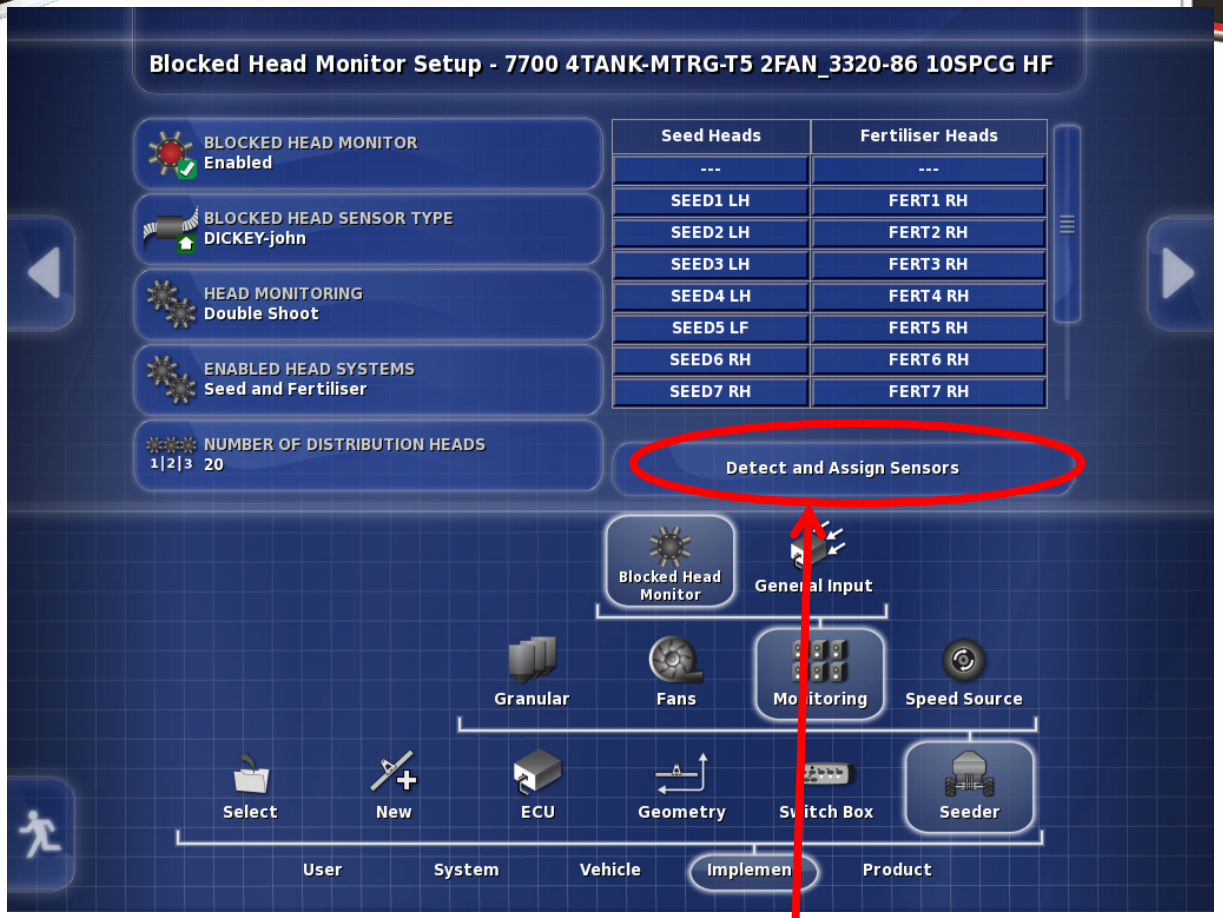
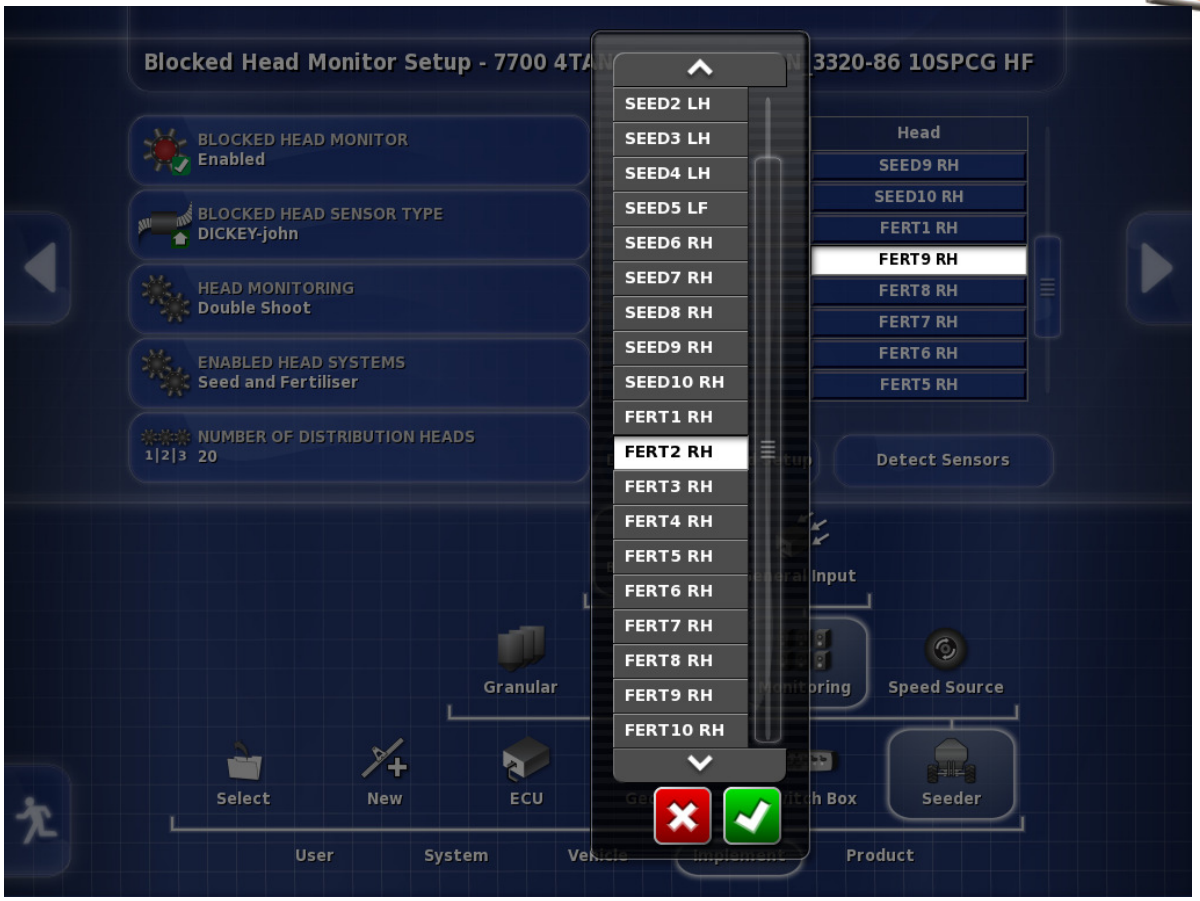




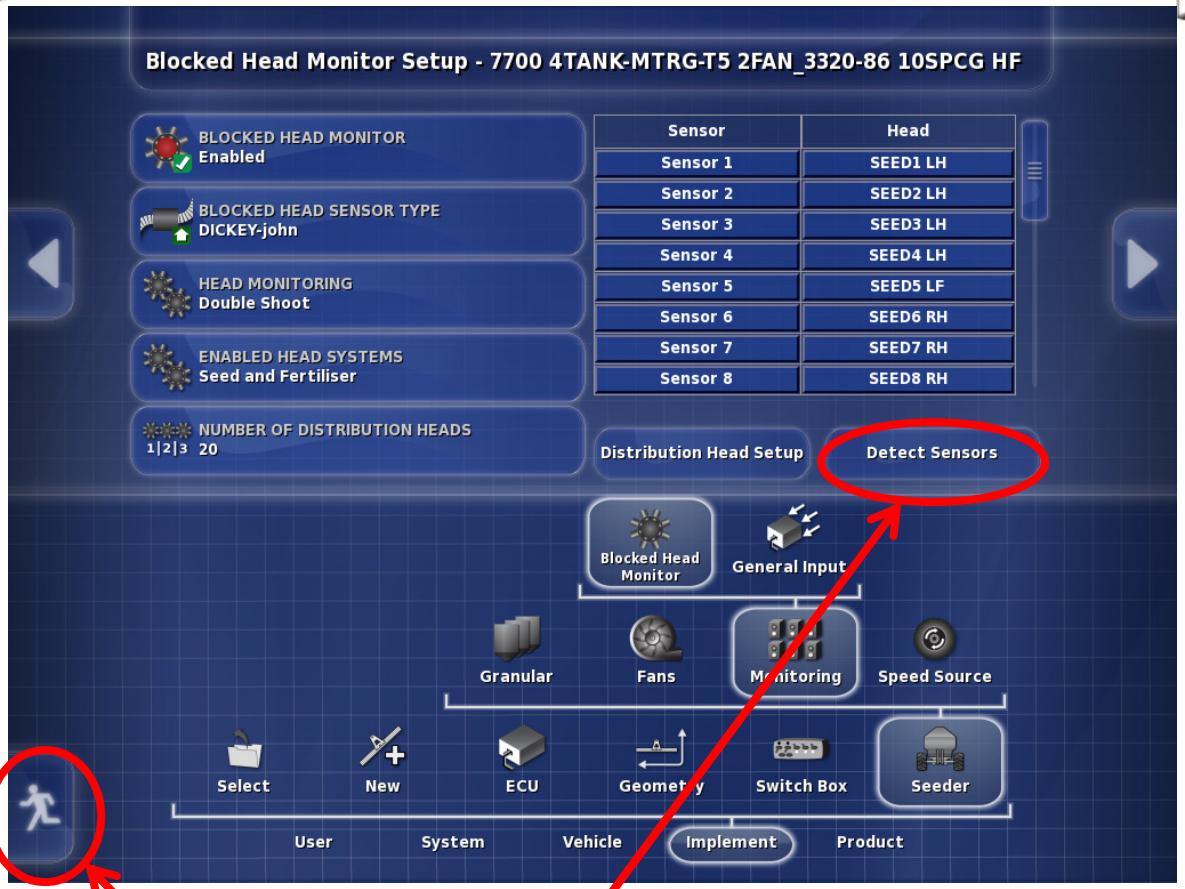
When renaming the Distribution Heads keep in mind that #1 seed head is on the left side and #1 fertilizer head is on the right side. *A 10 port double shoot system would have sensors 1 thru 10 for the seed and 11 thru 20 for the fertilizer.*



After naming all of the Distribution Heads you will have to touch Detect and Assign Sensors



You will now be required to assign each sensor to a Distribution Head, touch the sensor for that location then touch the green check



You should scroll through the sensors and heads to verify the labels then touch Detect Sensors. After the detection is complete touch on the Running Man to go back to the operating screen.

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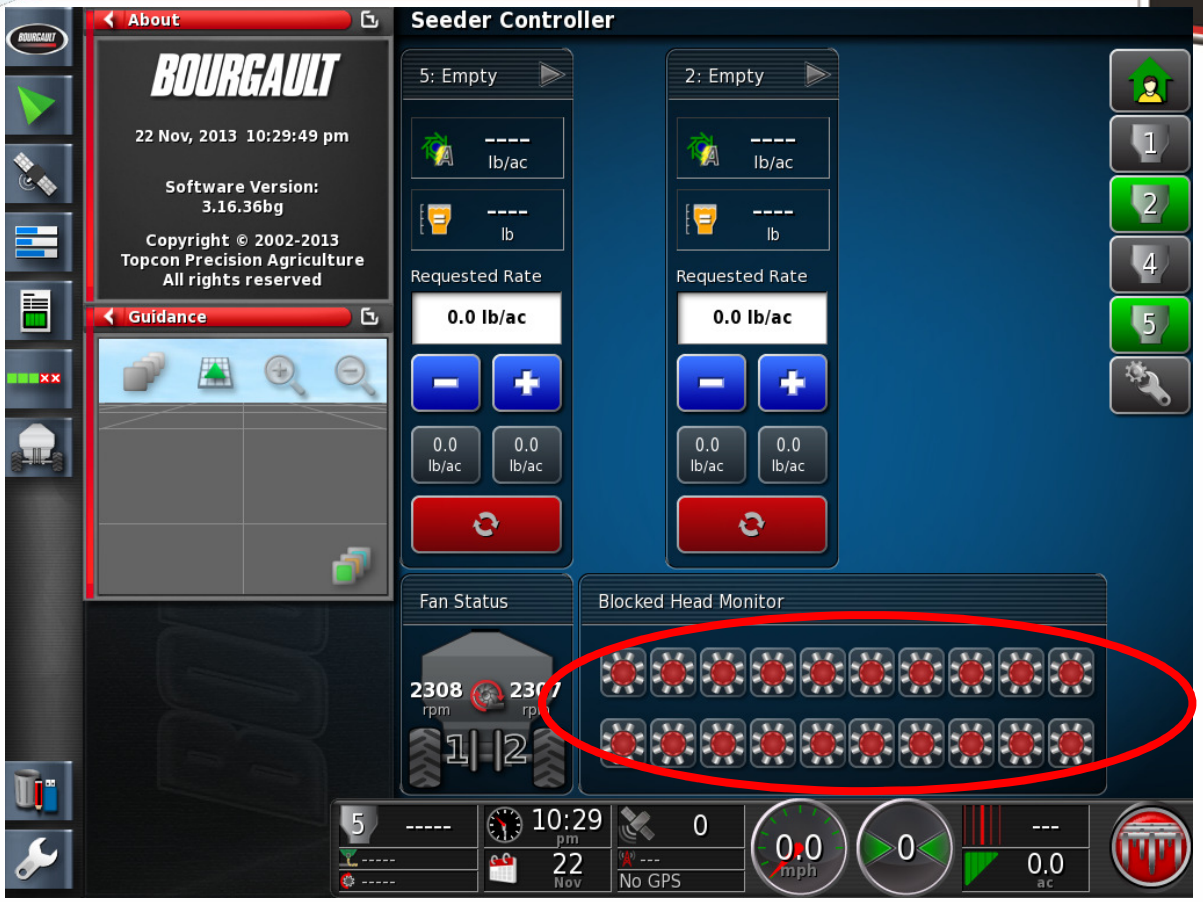
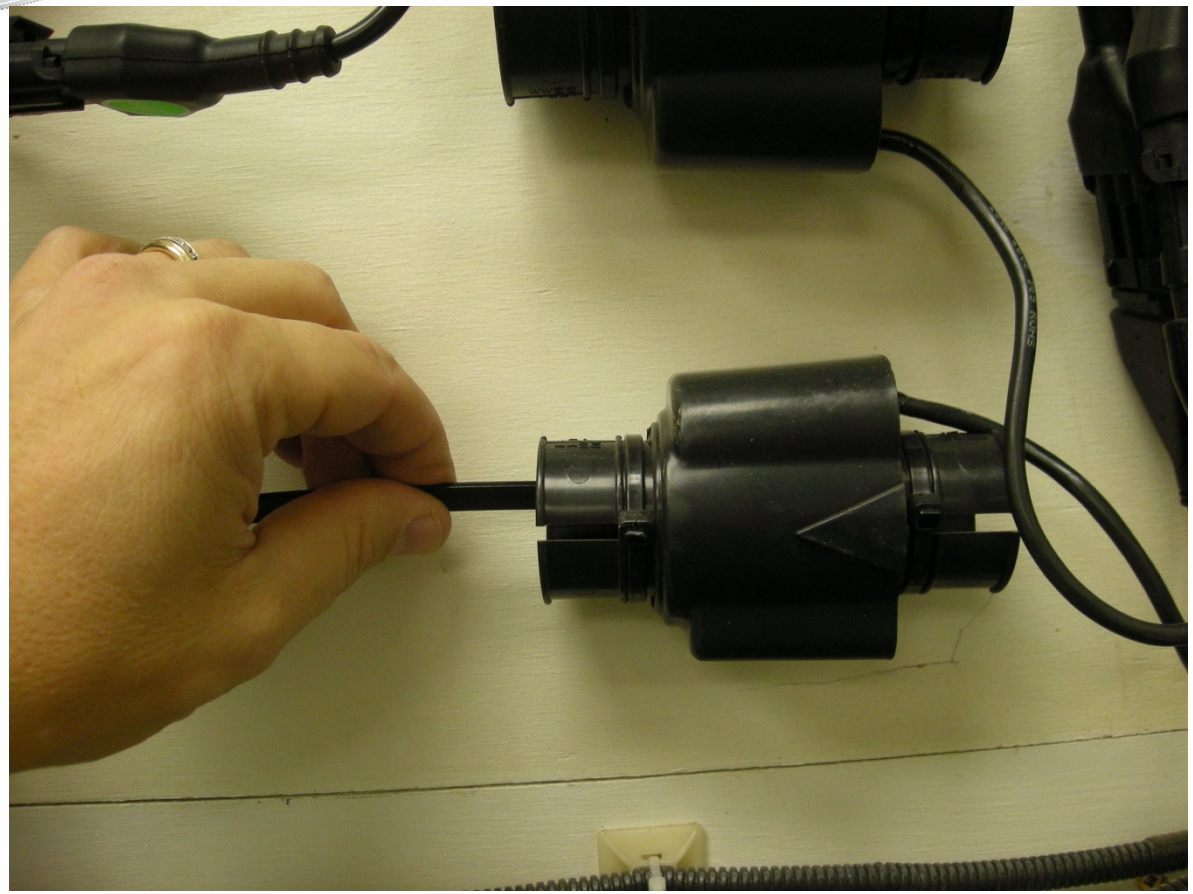
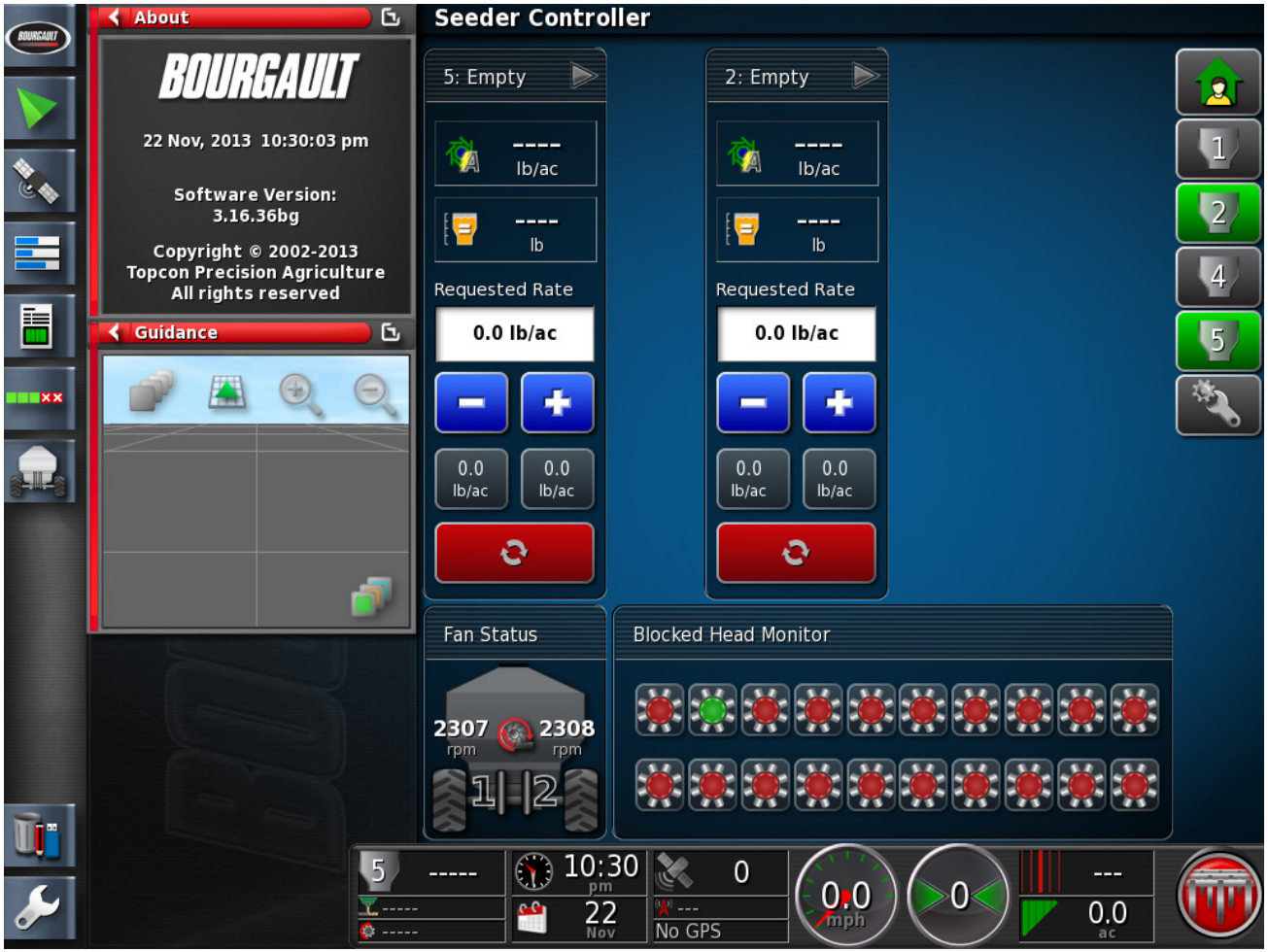


With no product moving through the sensors all of the distribution heads will be red as shown above.

Shown is a 10 port double shoot system with 20 heads.



A reliable way to test function/location o each sensor is to remove one of the hoses and tap an object such as a zip tie in the sensor to simulate product moving through the hose.



The icons turn green when there is product moving through the sensor.

To verify the location touch on Green Icon to expand it and see the sensor assigned to it.

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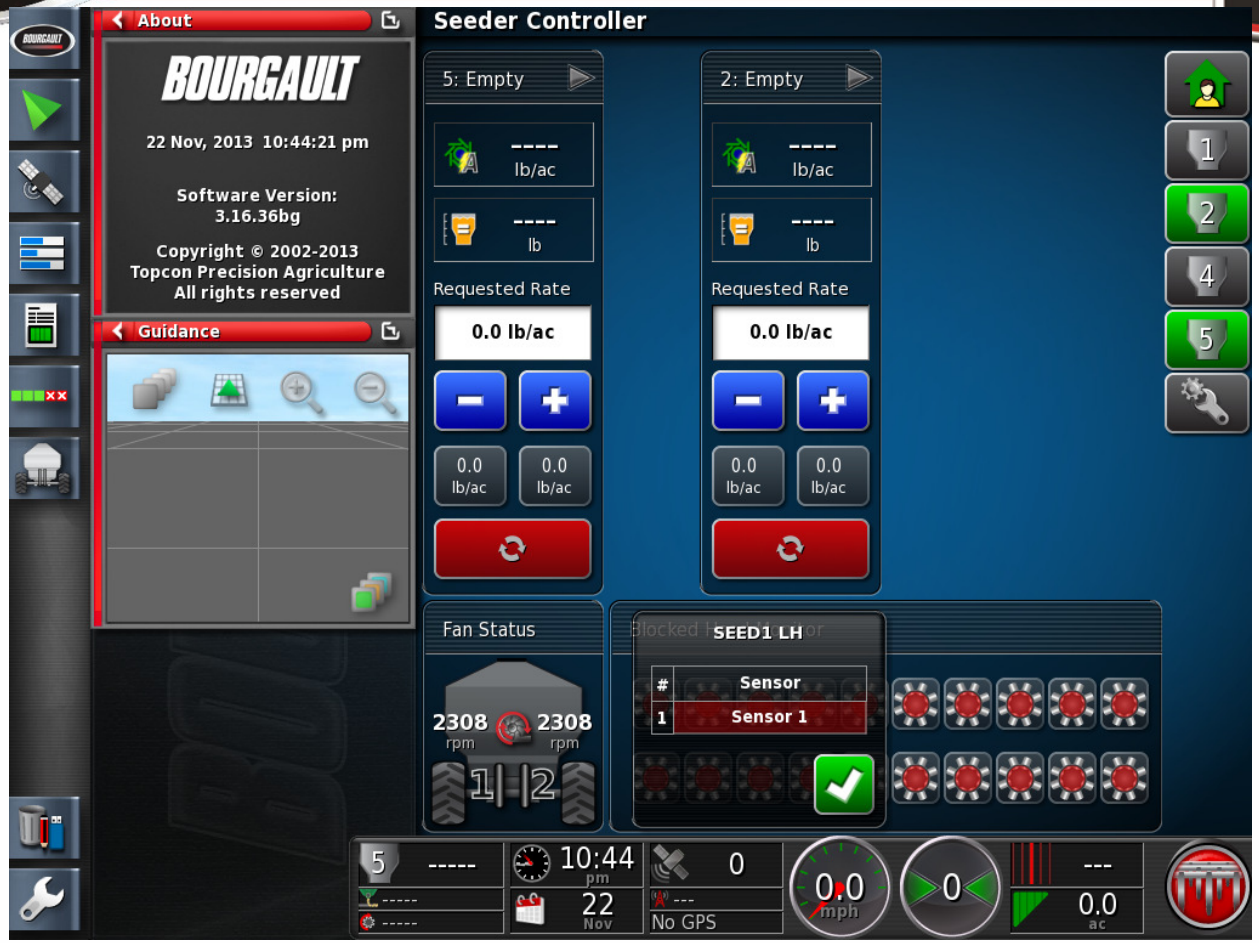

To check a blocked run you touch head icon that has turned red to see where it is located.