

GreenStar™ 2 AutoTrac™ RowSense™ QUICK REFERENCE GUIDE

To setup AutoTrac RowSense follow the steps below on your GS2 2600 Display

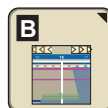
1. Select Menu



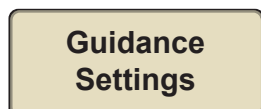
2. Select GreenStar 2 Pro



3. Push Button B (Guidance icon)



4. Push the Guidance Settings tab



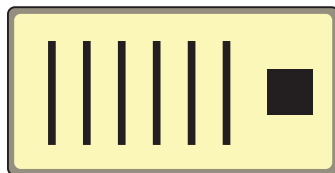
5. Select desired Tracking mode

6. Push Row Sense Settings Button and enable the sensor

RowSense Settings **Change**

Operating with Straight Track

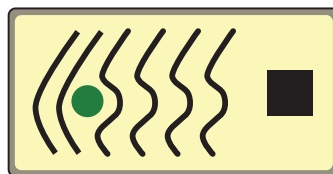
If the customer has a relatively straight field and the heading doesn't change, we recommend using straight track mode.



Operating with Adaptive Curves

The field below is an example of when to use Adaptive Curves. You can use Adaptive Curves in all fields, but we highly recommend using it when you know the path will change while going through the field, you know heading will change significantly or the curve is U-shaped.

Continuous changes throughout the field.



We suggest tying Adaptive Curve recording to Documentation (Menu>>GreenStar 2 Pro>>Guidance softkey>>Guidance Settings tab >>Curve Track Settings Button). This will allow the operator to manually steer during operation and continue to record the path they are driving on.

Curve Track Settings

Curve Track Recording		▼
End of Path Transition	Straight Line Projection	▼
Implement In-Ground Turn Radius (ft)	30.0	
Clear Curve Track Data	Clear Data	
Smooth Tight Turns	<input checked="" type="checkbox"/>	
Repeat Mode	<input checked="" type="checkbox"/>	

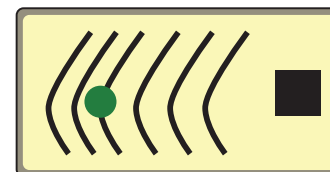
NOTE:

1. Tying Recording to Documentation will turn off recording when the head is raised.
2. Tying Recording to AutoTrac will turn off recording when AutoTrac is disengaged.

Operating with AB Curves

If the customer has a curve that is continuous throughout the field, we recommend using AB Curves.

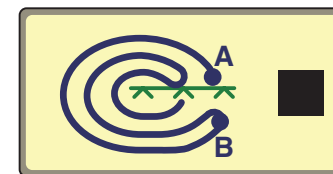
AB Curves will also have improved performance through periods of crop dropout.



Projects all lines off of the first path

Operating with Circle Track





If the rows to be harvested are in circles, Circle Track should be used. This will allow input from the GPS curvature to be applied to the row sensors.



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AutoTrac RowSense Icons

When using your AutoTrac RowSense you will see the following icons on the screen. Each one of them indicates what is happening on your combine at that moment.

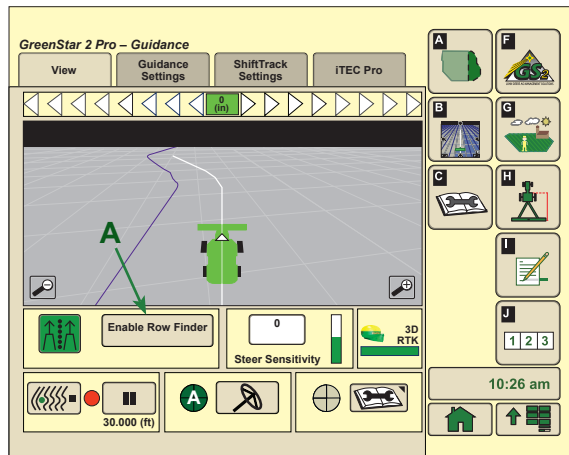
1.  **System Installed**
2.  **System Active, Operating with both row sensor and GPS**
3.  **Lost GPS, Operating with row sensor data only**
4.  **Lost row Sensor Signal, operating with GPS only**

NOTE: On 3 and 4 your guidance accuracy will be diminished.

Using Row Finder with AutoTrac RowSense

Row Finder can be used when:

1. Operating in adaptive curves, and
2. Needing to find a row that is two or more passes away.



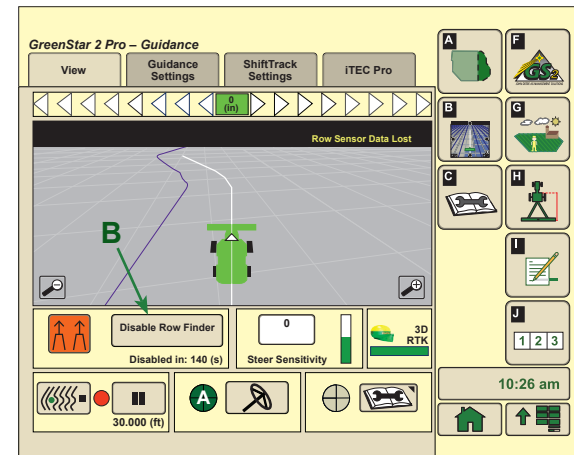
When approaching the headland in Adaptive Curve mode, press Enable Row Finder button (A). This will record the vehicle position and heading.

NOTE: The recorded position and heading will be discarded if AutoTrac is not disengaged within 3 minutes of first pressing the Enable Row Finder button.

At the end of the row, ensure that recording is turned off. The display will project parallel rows.

Proceed in the headland toward the desired row. Enter the row and press Disable Row Finder button (B). This will change the system back to Adaptive Curves Mode.

Before harvesting is started ensure recording is turned on. Press Multifunction Handle (Resume Button) 2 or 3, AutoTrac will then guide the combine down the row and a new first path will be recorded.



Operating AutoTrac RowSense Double Click Engagement

1. Default mode:

- a. Drive the Combine into the row.
- b. When pressing Multifunction Handle (Resume Button) 2 or 3 for the first time, the head lowers. Pressing button 2 or 3 a second time engages **guidance and row sensors**.

2. GPS mode:

Selectable under Original GreenStar Monitor "Setup->AutoTrac->Page->Row Entry, change from Manual to GPS"

- a. Drive the Combine into the row.
- b. When pressing Multifunction Handle (Resume Button) 2 or 3 for the first time, the head lowers and **guidance** is engaged. Pressing button 2 or 3 a second time engages the **row sensors**.