

STEERING IN TALL CROPS

BEFORE INSTALLATION

In order for 360 GUIDE™ to function, the underlying steering system must be functioning well. Using your existing steering system, make sure the sprayer can drive a straight line. If not, run a calibration and re-check. 360 GUIDE controls the target point of the autosteer system, it does not control the movement of the wheels. The applicator wheels must be able to respond as commanded by the autosteer system before the 360 GUIDE system is added.

SENSITIVITY

- 1 Set the Autotrac sensitivity to 75-80.
- 2 Set the 360 GUIDE sensitivity on the iPad to 40%.
- 3 Adjust as needed.

BEGINNING IN-FIELD OPERATION

Set AB or A+ heading with 360 GUIDE system off. 360 GUIDE adjusts the GPS points when engaged, so set original guidance line with 360 GUIDE off to align with crop row initially.

ENGAGEMENT USING END ROW MANAGEMENT

360 GUIDE has the option to interact with the OEM cab controls to allow for seamless transitioning from "Autosteer off" to "Autosteer engaged" and vice versa. This function is initiated in the Settings tab in the 360 GUIDE iPad app.

If "End Row Management" is not toggled on, you will have to manually turn the 360 GUIDE system on and off at the beginning and end of each pass.

JOHN DEERE AND HAGIE WITH AUTOTRAC

360 GUIDE is designed to allow the Autotrac to help you find the correct row using GPS only.

Press "Resume Autosteer" on the joystick once to engage GPS-only Autosteer.

Once in the row, press "Resume Autosteer" a second time to engage 360 GUIDE for in-row correction.

IN-FIELD TARGET ADJUSTMENT

Once the sprayer is moving through the field in the desired row, evaluate the position of the sprayer in reference to the row gap. If the sprayer tends to favor one side, use the shift feature on the 360 GUIDE iPad app.

One shift = 1" of movement either left or right from the center of the row. Do not use the shift features in the factory steering system. 360 GUIDE will overpower the factory target to maintain the selected target in the 360 GUIDE app.

At the beginning of the pass, make sure that the factory GPS target is reasonably within the row gap that is desired. 360 GUIDE can recover from and adjust for lengthening GPS offsets through the field, but will not be able to instantaneously shift the target 45" to the left, for example.

If the GPS target is progressively moving further away from the row gap being targeted, the app will flash a warning, asking you to resent the AB line:

- 1 Disengage autosteer by moving steering wheel.
- 2 Reset GPS guidance line.
- 3 Re-engage Factory Guidance and 360 GUIDE systems.

PADDLE SENSOR HEIGHT ADJUSTMENT

It's not recommended to use 360 GUIDE in corn less than hip height (approx. 36"). Set sensor height where the paddles will engage the corn plant in an area that the stalks are relatively strong and will not simply flex away from the paddle.

Do not set the sensor lower than 12" off the ground. Do not back up in an area where the sensor could be pushed forward; the riser will bend and the sensor could be damaged.

BREAKAWAY

The sensor assembly is mounted to a triple-magnet breakaway for added protection against unseen obstacles. If the sensor becomes "broken away", it may be challenging for the sensor to snap back because the sensor paddles are being continuously pulled back by the leaves and stalks.

If the breakaway warning appears in the 360 GUIDE app and does not disappear after a few seconds, bring the sprayer to a stop and slowly back up until the warning message disappears, meaning the breakaway has re-engaged.

