

Cross slope control is not working.

NOTE: This guide is NOT applicable for systems using two GPS units on a single implement for cross slope control.

Symptoms:

You want the T3RRA software to control the cross slope of the cutting edge but it does not seem to be working.

Cause:

Improper physical setup, iGrade configuration, or T3RRA software settings.

Solutions:

- 1. Make sure that SCV3 is set up for cross slope control (check your iGrade Operators Manual). **IMPORTANT. Choose 'Cross Slope Control' from the SCV3 drop down menu in UCC1. Check the 'Enable Cross Slope' box in UCC2.****
- 2. Make sure that you have properly calibrated your TCM.**
- 3. Ensure the SCV has had the thresholds calibrated as per the iGrade manual**
- 4. Check the control sensitivity is not set too low causing cross slope to be "lazy". Increase the value for a more**

aggressive control.

5. **Check that the correct hoses from your implement's cross slope controlling hydraulic ram(s) are plugged in to SCV3**
6. **Reverse the hoses plugged in to SCV3 if needed.**
 - a. **Reversed hoses will normally cause the blade to rotate completely to either the left or right as soon as you begin working.**
 - b. **iGrade 2 has a checkbox option to reverse the blade tilt without reversing the hoses, iGrade 1 does not. If you have iGrade 2 check your iGrade manual for more information.**
7. **Make sure that the 'Output cross slope commands' box is checked under 'Settings > Machine' in the T3RRA software.**

Output cross slope commands
Cross slope nudge increment %
8. **Make sure that an accurate 'Implement Width' is entered under 'Settings > Machine' in the T3RRA software.**
9. **Make sure that cross slope control is set to Auto on the implementation screen.**
10. **Ensure that the design is actually calling for the expected cross slope.**