

ISOBUS Setup for ZA-TS & ZA-V

Confidential Trimble Resellers only



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Machine S/N 3004802003 v07021

Spreader Software Version V1.06.01

FMX Software V 8.0.1

ISO Full Harness p/n 89285-00



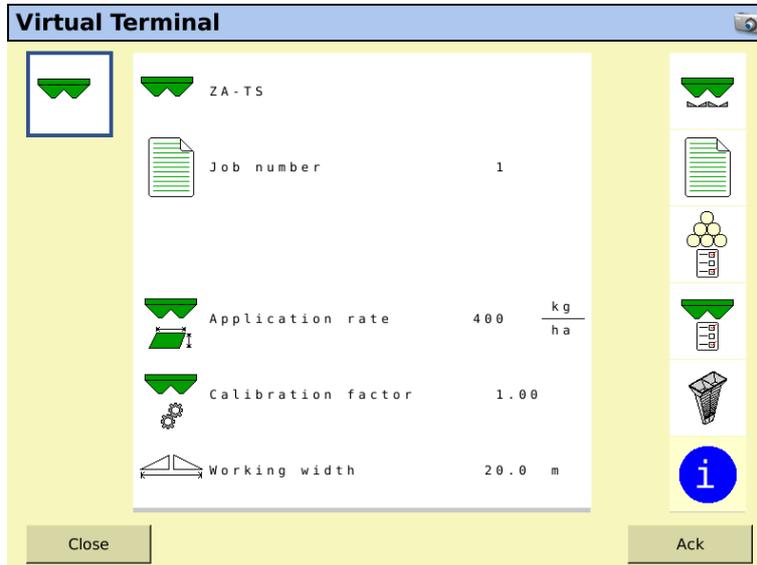
Drop Point Actuators



Rate Actuators

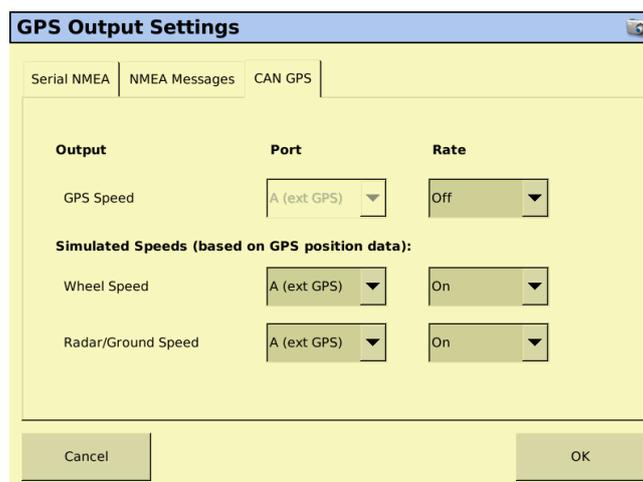
ISOBUS Setup / ZA-TS & ZA-V

- Step 1 – Confirm connection to ISOBus device
 - Enable VT plugin on the Configuration Screen
 - Select VT plugin and press Setup
 - Select Port A or B matching the connection of the ISOBus device
 - Press OK to return to the Configuration Page
 - Press Diagnostics to confirm connection to device



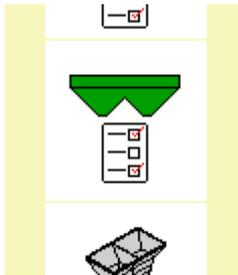
If VT is not visible check cabling.

- Step 2 – enable speed sources
 - Press close to return to the Configuration menu
 - Highlight GPS receiver and press Setup, GPS Output, CAN GPS
 - Setup the message formats for the speed detection, enable both wheel speed and ground speed.
 - GPS Speed as at FMX v8.0.1 and Amazone ECU v 1.06.01 is not used

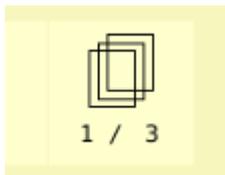


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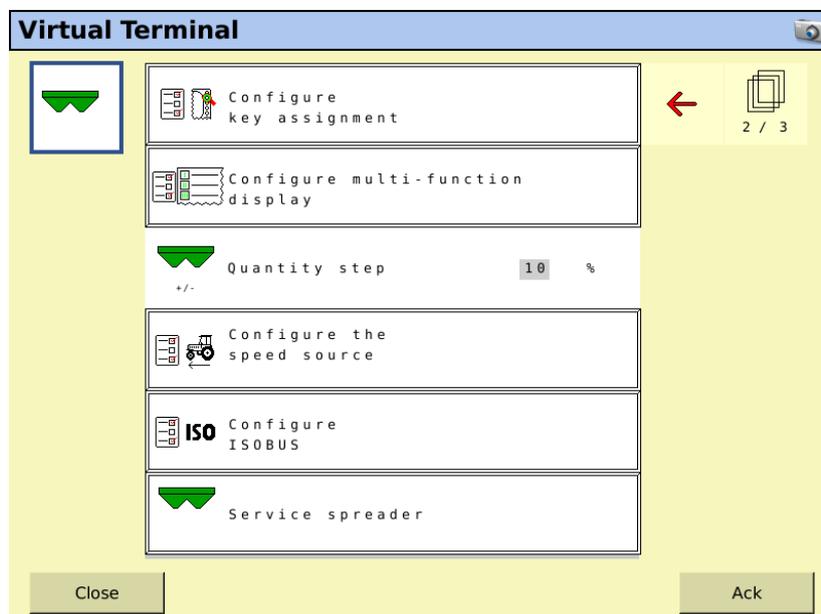
- Step 3 - Confirm that forward speed is detected
 - Return to FMX configuration, highlight Virtual Terminal and select diagnosis



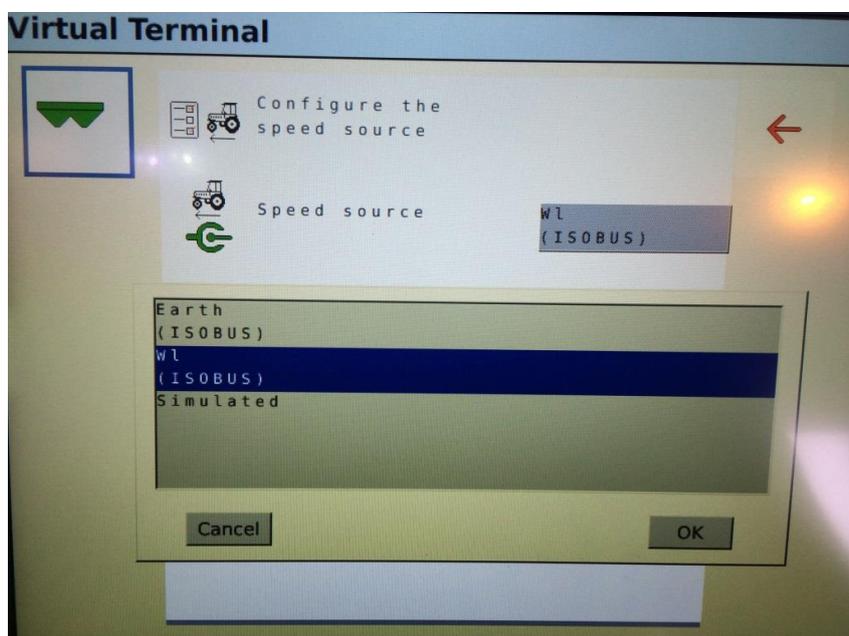
- Press



- Press and navigate to page " 2 / 3 "

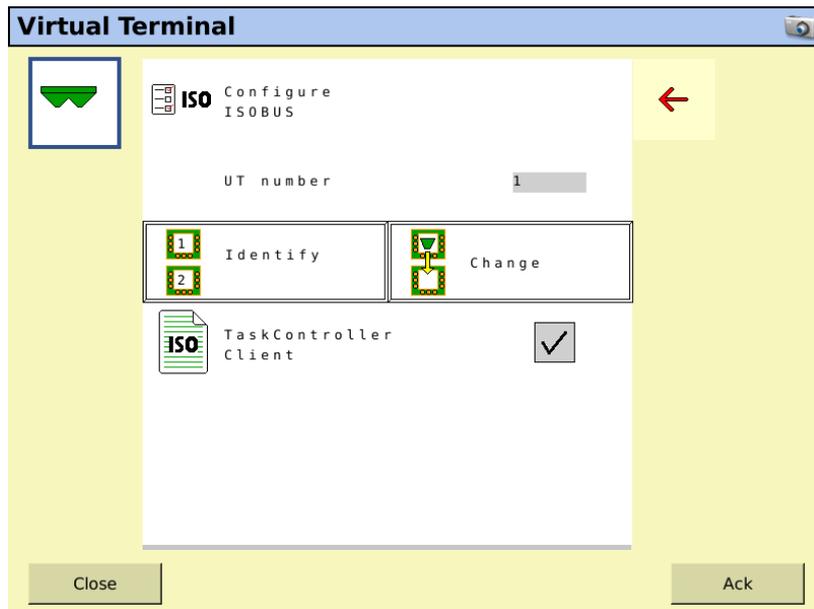


- Press configure the speed source and choose either Wheel (wl) or Ground Speed Radar (Earth)

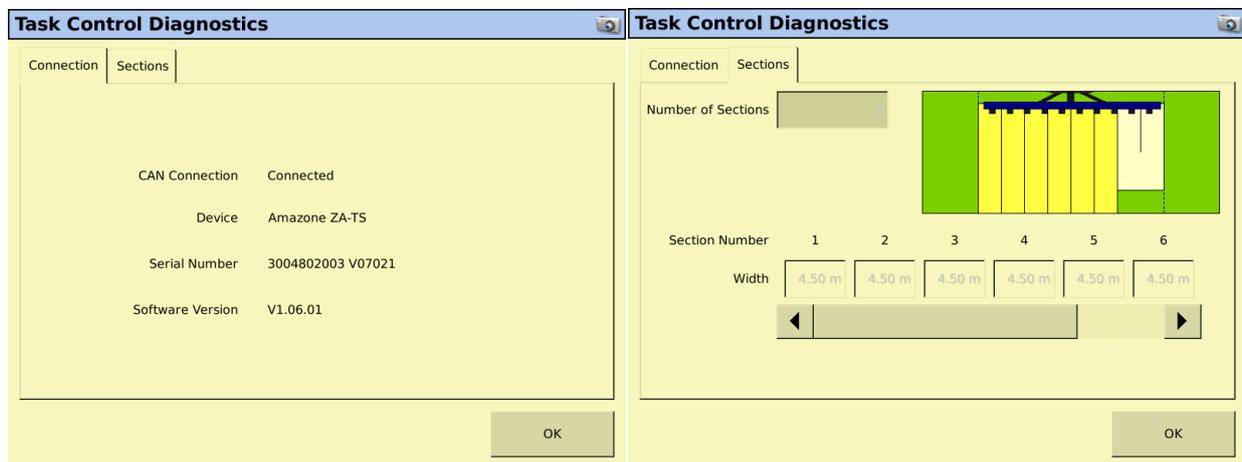


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Return using the red left arrow to page " 2 / 3 " and select configure ISOBUS



- If the FMX is to be used as a Task Controller then "Task Controller Client" must be ticked
- Step 4 – Configure TC
 - Close the VT window and in configuration enter the Task Controller Diagnostics
 - Verify a device is connected (please note it may take 1-2 minutes for this screen to receive all the implement settings or if implement settings such as spread width have been changed.

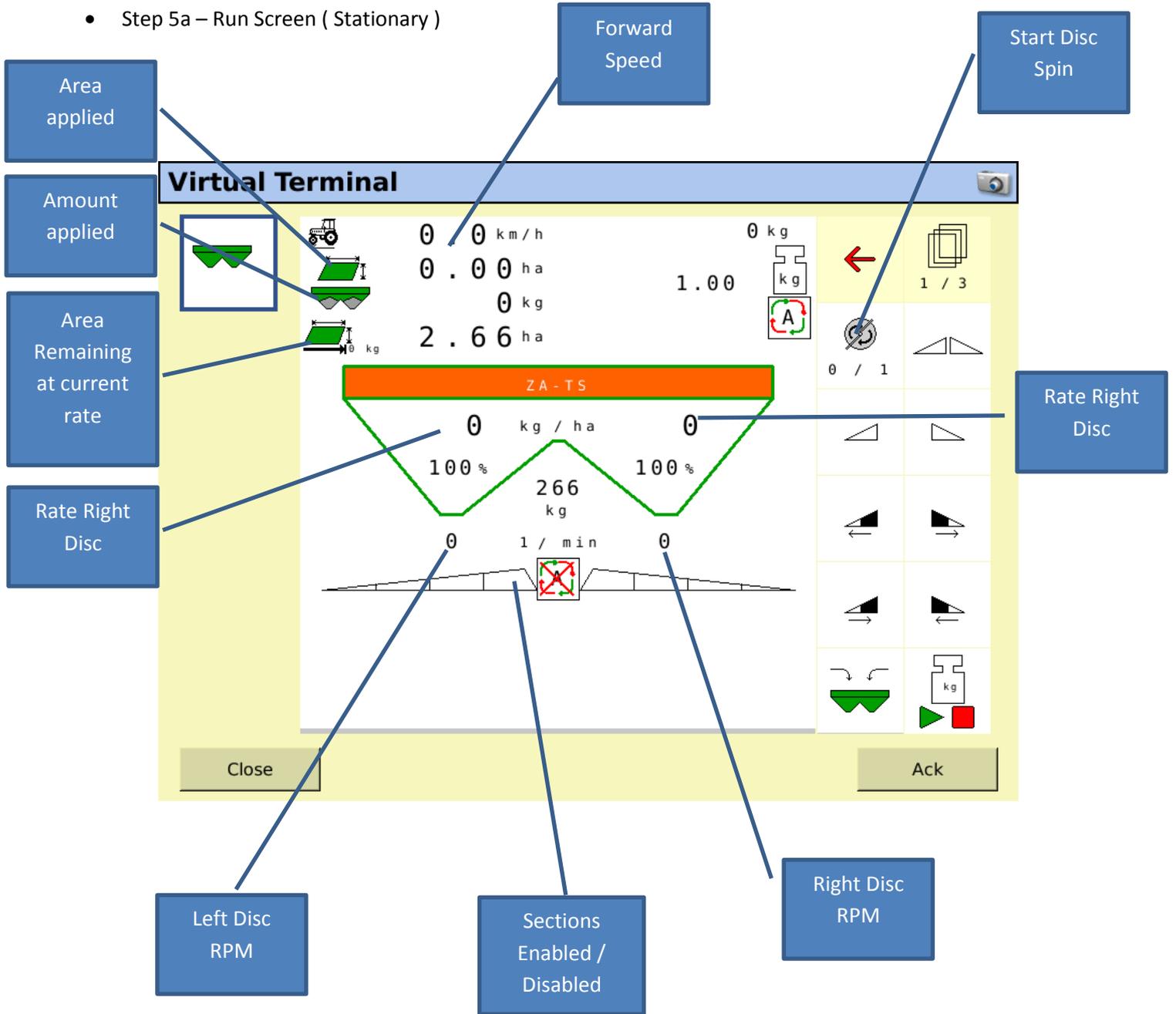


Note :

- This machine was configured to 36m and reported 8 equal sections at 4.5m each, if the implement spread width was changed then the information updated to the new spread width with each section $1/8^{\text{th}}$ of the full implement width.
- No Target rate is displayed on the work screen unless vehicle is moving and spreading.
- Controller does not like a 0 rate, this causes a VT error which needs to be acknowledged.

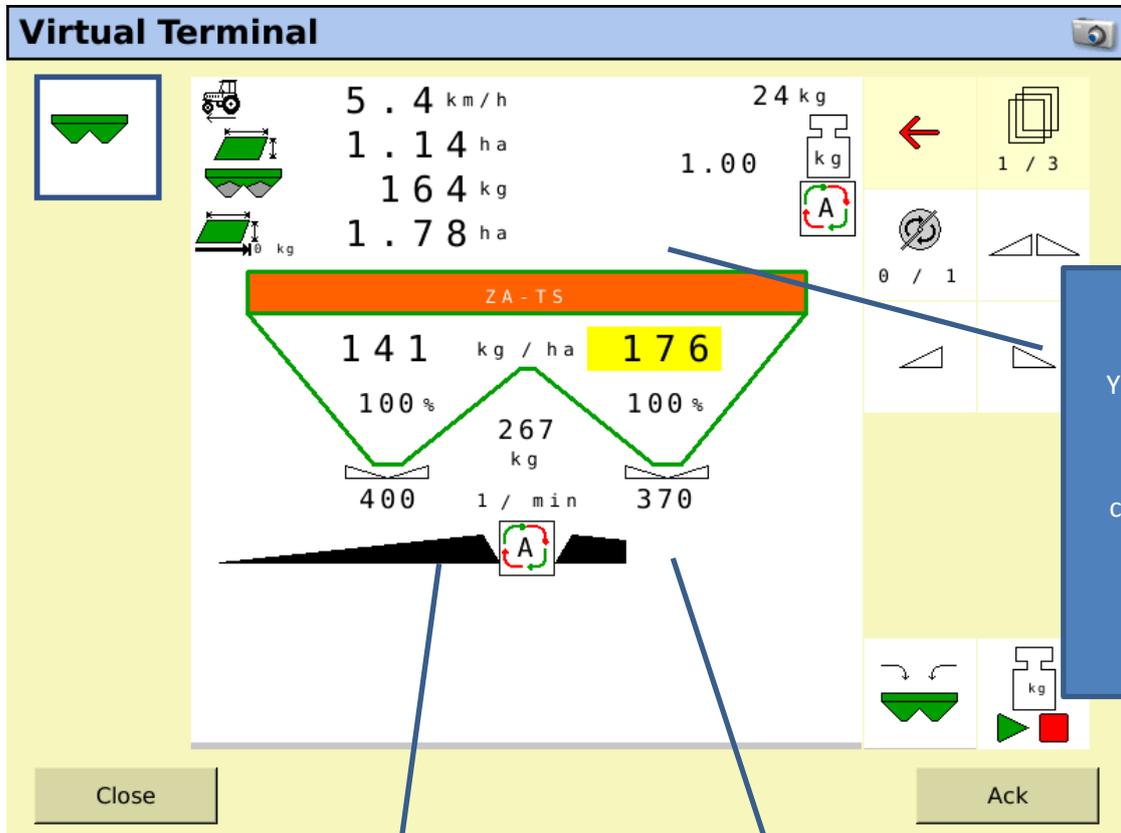
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- Step 5a – Run Screen (Stationary)



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- Step 5b – Run Screen (Functioning)

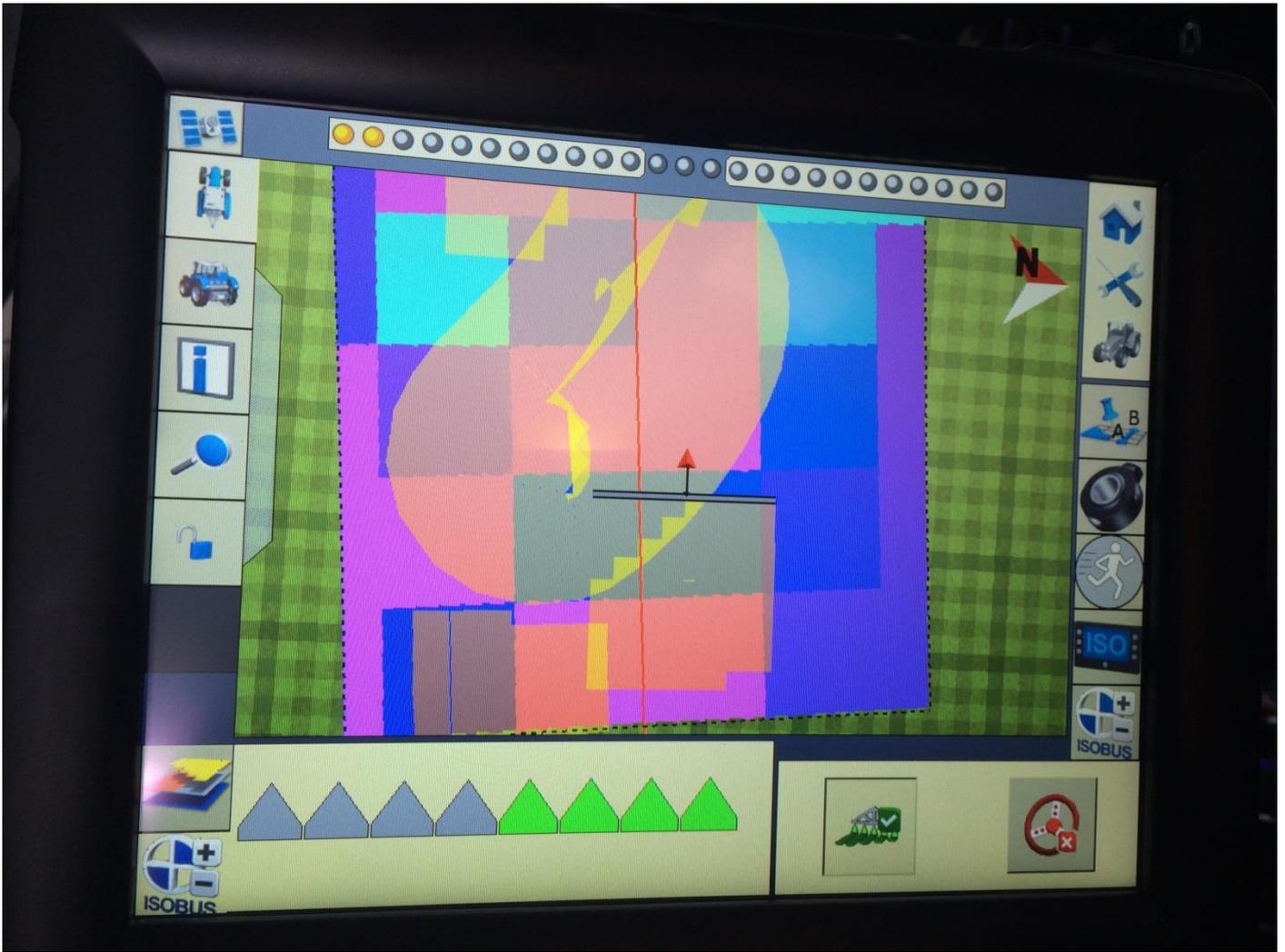


Section enabled

Section disabled

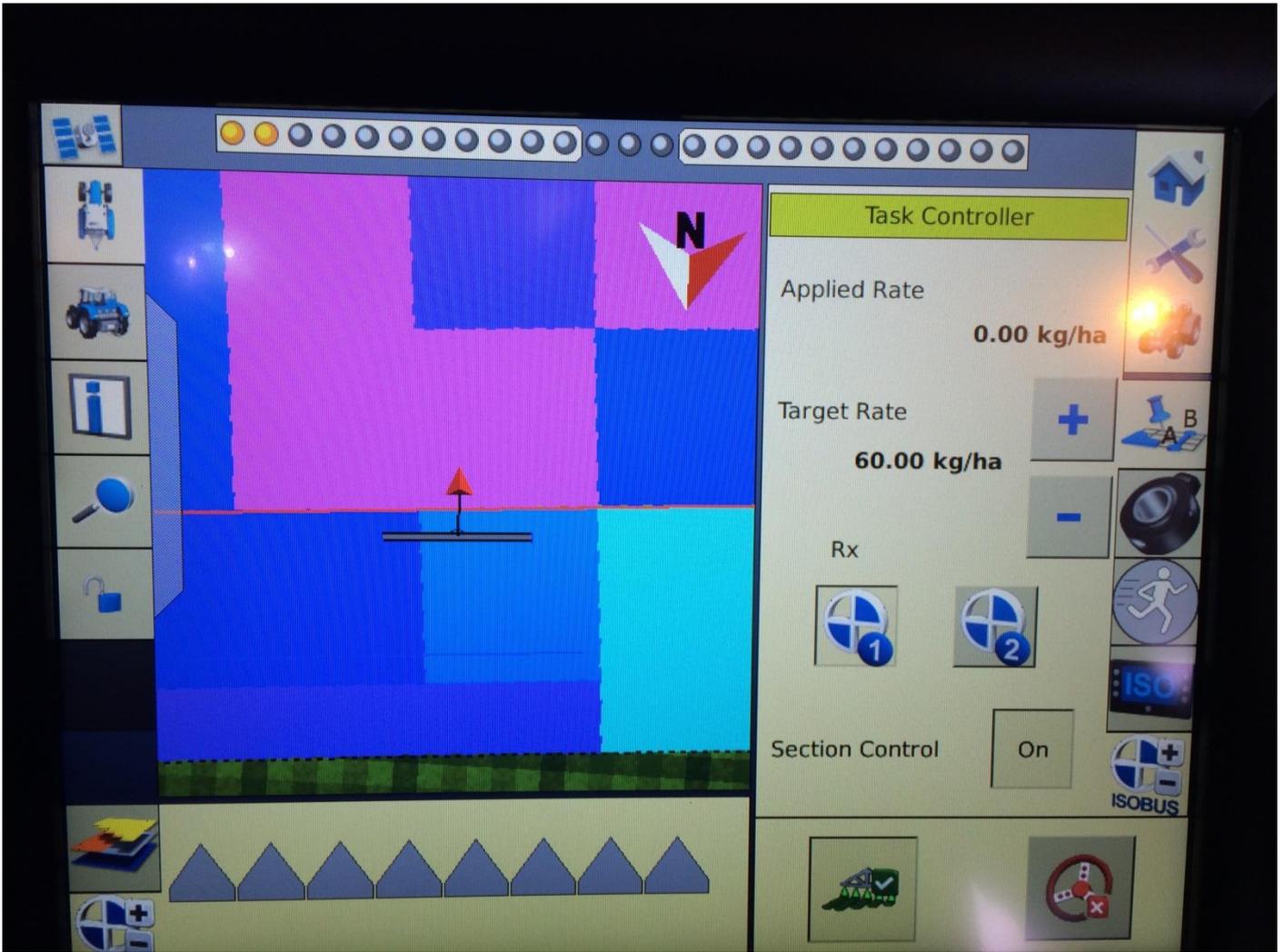
Yellow means actuators moving to correct rate / drop point

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ASC running vi a TC with VRA Map in background

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Target rate and VRA map running with machine not spreading, 0 applied rate correctly received