

This document walks you through the process of testing the Ag Leader system up to the control valve.

### 1. Turn off Autoswath.



a. Press the Autoswath button turning it grey.

### 2. Enter in a Target Rate

Weed Killer untwo 0.00 0.00
0.00
17
Pressure (PSI)
Main: 0
Agitation: 0

### a. Select the Product Tab.





### b. Select the Product Setting button.

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### 2. Enter in a Target Rate continued



## 3. Enter in a Manual speed.

Grower: Wiarda Ente Farm: Home Field: East 40	rprises		RoGator 85	1	a. Jelect Jetu
Field Totals Weed Killer	0.0 gal/ac	<b>0.0</b> gal	0.0 ac	) <u>û</u> .	
	ac/nr	Area Complete:	0.0 ac	9-22-42 AM	
Productivity: Average Speed:	mph	Area Remaining:	W.W 8%	ALERCER PROF	

### Configuration Setup 200 Grow Farm Field: Configuration Product Equipm Equip Gator 854 Personal Property in . 2 -23:29 PM /31/2012 .9 a la III

### b. Select the Configuration.

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### 3. Enter in a Manual speed. continued



c. Select the Configuration Settings button.



d. Select Speed Input Settings.



e. Select the Primary Source as Manual Speed.



### 3. Enter in a Manual speed. continued

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Grow	Speed Input	I. Linter a speed.
Farm	Manual Speed	
	Manual Speed	
	▶	
	23.45 PM	
	1/31/2012	
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ń	23.45 PM (31.2012	

4. Turn on Master Switch and Boom Switches.

## 5. Verify switch detection in Input Diagnostics.

Configuration RoGe Configuration RoGe Grower Wards Enterprises Farm: Home Field: East 40	5.0 muh	a. Press the System Button.
Weed Killer 0.0 gal/ac 0.0 gal 0.0 sc		
Productivity ac/tir Area Complete: 0.0 ac Average Speed: mph Area Remaining: 0.0 ac Operating Time: 0.00:00 Distance Traveled: 0.0 ft	3:25:03 PM 01/31/2012	
n II	🔊 🖥	



b. Select 233 AUX Device.



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## 5. Verify switch detection in Input Diagnostics. continued





c. Press Diagnostics

d. Verify that all switches in the on position are green.

Switches in the off position will be identified by a black box and grey indicates that there is no switch present.

## 6. Implement Plug.



a. Make sure the Implement Plug is plugged into the Auxiliary port on the liquid module.



# How to Test a Control Valve

## 7. Rate Not Responding Mode



At this point you should be in Rate Not Responding Mode (to the left) and sending voltage out to the control valve to open it. If the screen is flashing Rate Not Responding but the control valve isn't opening, continue to step 8.

### 8. Unplug the control valve connection.



a. Unplug the 2 pin connector from the control valve and test for power while, "Rate Not Responding" is flashing on the monitor. There should be 12 volts present assuming the Valve Response 1 setting is at 100%. If you have power here and the valve won't respond, you have a valve issue. If you don't have power here, continue to step 9.

## 9. Unplug the Channel 1 connection.



a. Unplug the Channel 1 connection and test for power across pins 7 and 2. If you have power here you have an issue with the control valve/flow meter cable. If you do not have power here you have an issue with the Liquid Product Control module.

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