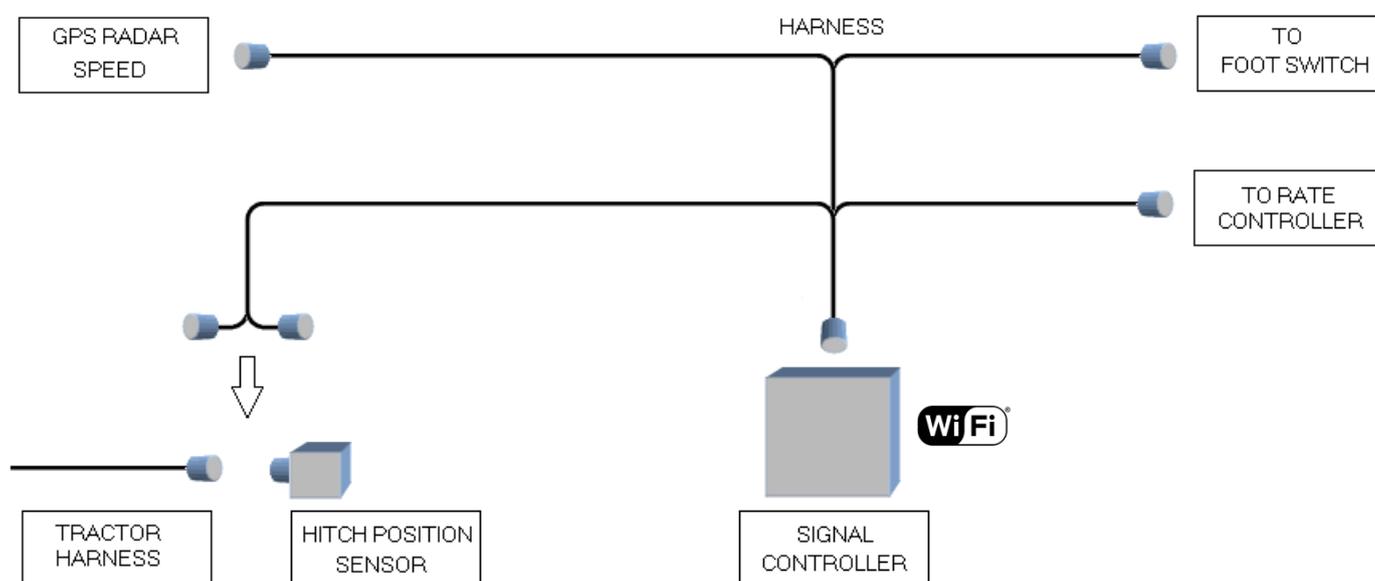


RATEX DEPTH MAP USING LIQUID RATE CONTROLLER

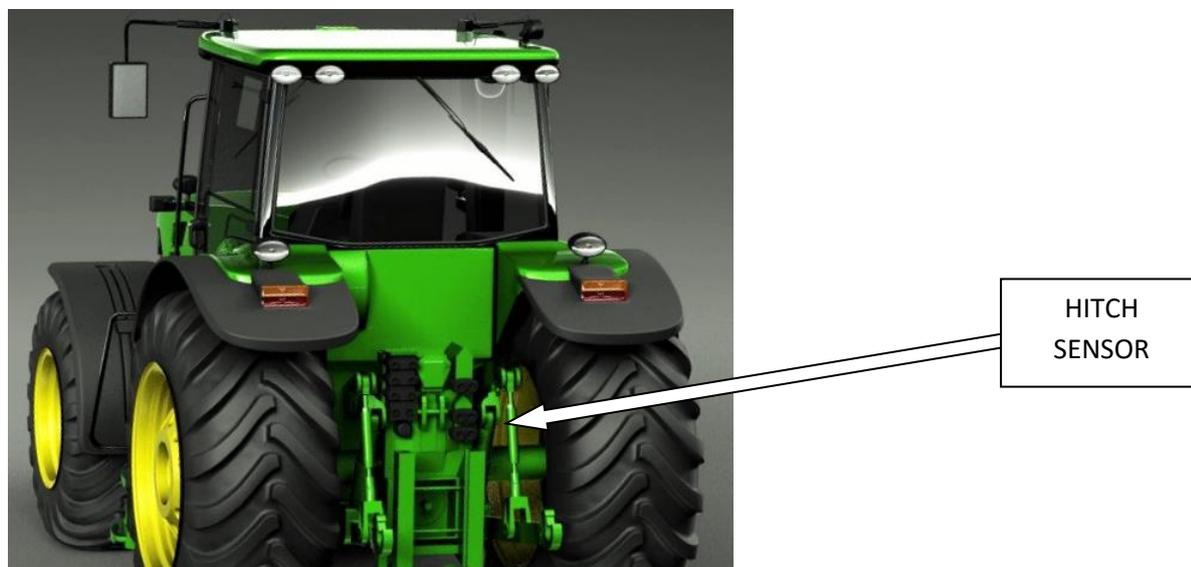
OVERVIEW

- Allows your existing rate controller to map generic sensor signals
- Automatically turns mapping on/off when implement is raised/lowered and moving/stopped
- Signal controller has internal WIFI for settings and status info



INSTALL AND CONNECT TO TRACTOR

- Key off
- Connect the harness to the Signal Controller and place it inside or outside the cab
- Locate the hitch position sensor below and insert the T-harness as shown above



- Connect the Radar Speed wire to the GPS connector pin1, or to the Radar harness in the cab
- Connect the 37pin connector to the Liquid Rate Controller
- Optional: connect the footswitch connector to the footswitch harness in the cab (turns mapping on/off)

SETUP RATE CONTROLLER

- Red boxes below are important
- IMPLEMENT TAB – Set as shown below, and enter the width of the implement
- SYSTEM TAB – Set as shown below

Implement	System	Alarms	Rates
Implement Pull-behind Sprayer Deep Ripper New Rename Remove Disable this GRC <input type="checkbox"/>			
Implement Width m 5.0 <input type="text"/> Setup Sections 			
Dual Boom On/Off <input type="checkbox"/>		Dual Boom Activation Speed (mi/h) 0.0 <input type="text"/>	

Implement	System	Alarms	Rates
Section Valve Type 3-Wire Control Valve Type Standard Tank Capacity (gal) 1000 Control Valve Calibration 2513 Flowmeter Calibration 5000 Pressure Sensor <input type="checkbox"/> Flowmeter Units L Calibrate Pressure Sensor Calibrate Flowmeter Agitator Valve <input type="checkbox"/> Flow Return <input checked="" type="checkbox"/> Agitator Duty Cycle (%) 20			

- ALARMS TAB – disable all alarms
- RATES TAB – set as shown below

Implement	System	Alarms	Rates
Minimum Spray Pressure (psi) 12 <input type="text"/> Alarm? <input type="checkbox"/> Maximum Pressure (psi) 250 <input type="text"/> <input type="checkbox"/> Low Tank Level (gal) 200 <input type="text"/> <input type="checkbox"/> High Alarm (% above target rate) 100 <input type="text"/> <input type="checkbox"/> Low Alarm (% below target rate) 100 <input type="text"/> <input type="checkbox"/>			

Implement	System	Alarms	Rates
Rate 1 10.0 <input type="text"/> litres/ha Rate 2 10.0 <input type="text"/> Rate 3 10.0 <input type="text"/> Minimum Flow Rate 0.0 <input type="text"/> litres/min maintain spray pattern. This is also the flow rate used when manual button is pressed. Rate Smoothing <input checked="" type="checkbox"/> 3 <input type="text"/> %			

SIGNAL CONTROLLER SETUP

The controller has an internal WIFI webserver. You can use any phone/tablet/laptop to setup the controller.

- Tractor key on
- Search for WIFI hotspots on your mobile device
- Connect to the WIFI point called MACHINE WIFI
- Open your web browser, type in the address bar: home.page
- Some devices are stupid, if it doesn't work try these: www.home.page or http://192.168.50.50/
- A webpage will open up, just follow the instructions on the screen

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