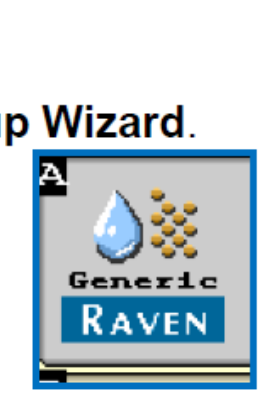
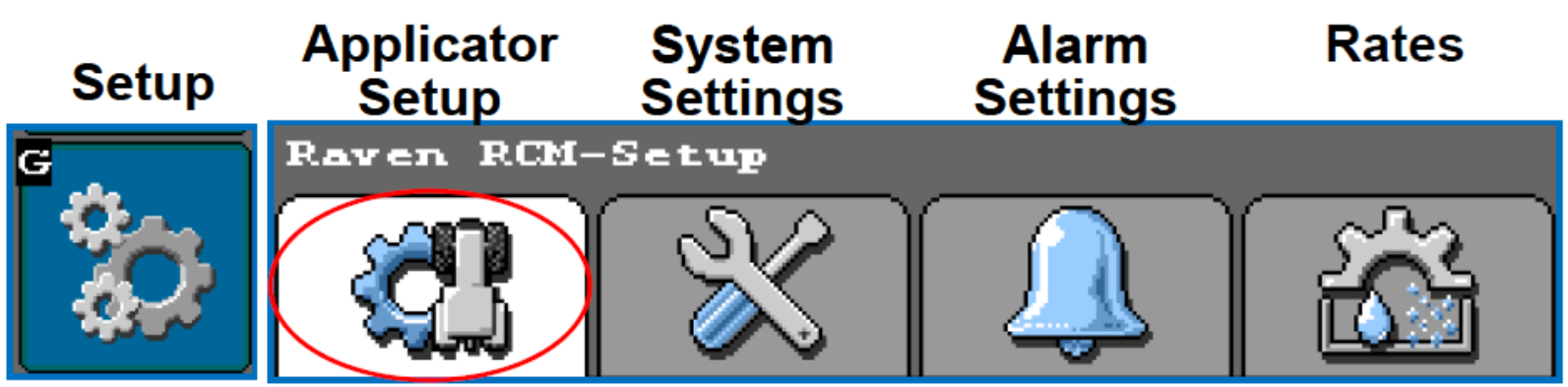
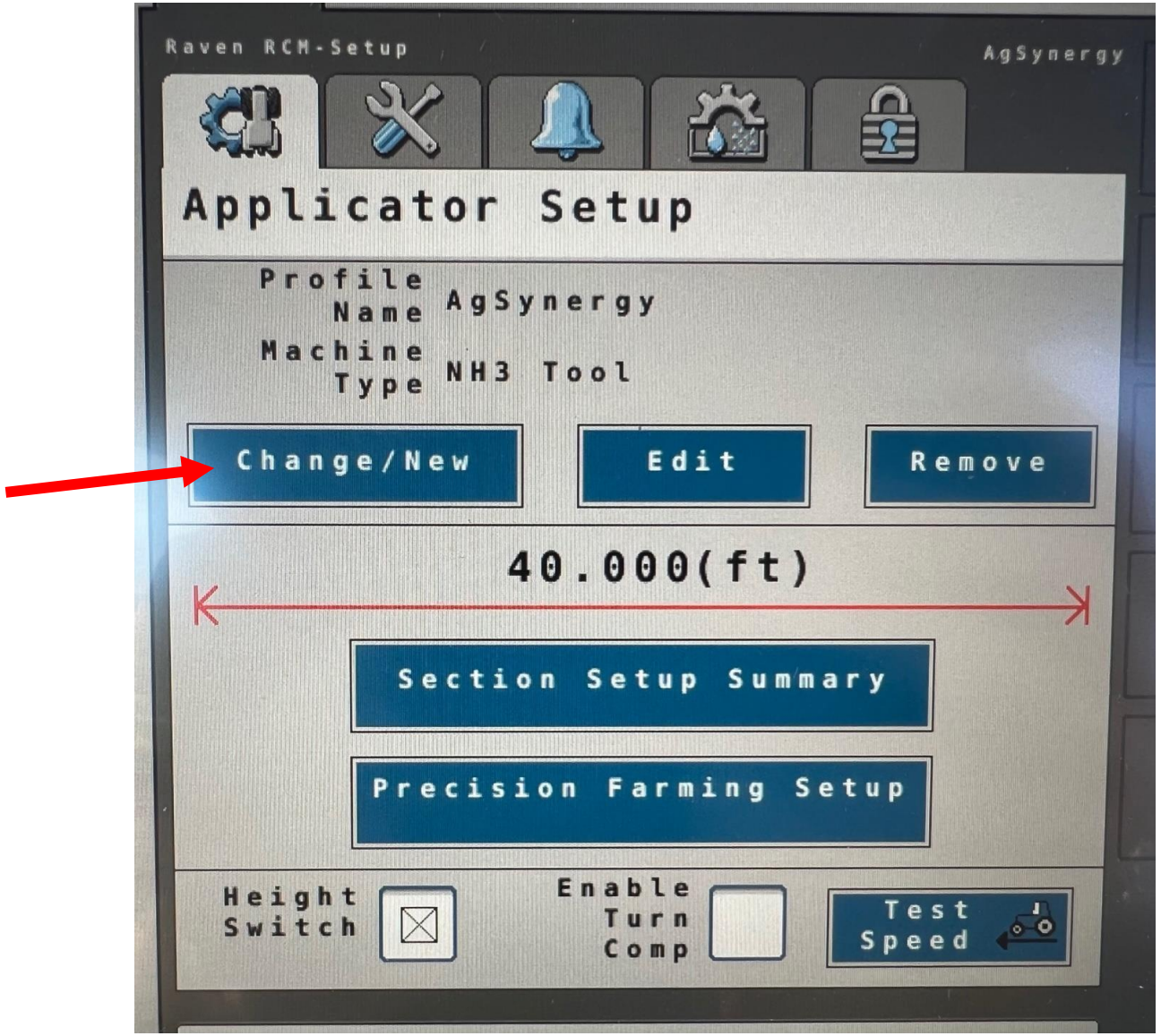
TR 430 440
Dual Product Setup
Raven RCM
Lynx Q2 Dry Box

1. Navigate to the **Setup Wizard**.

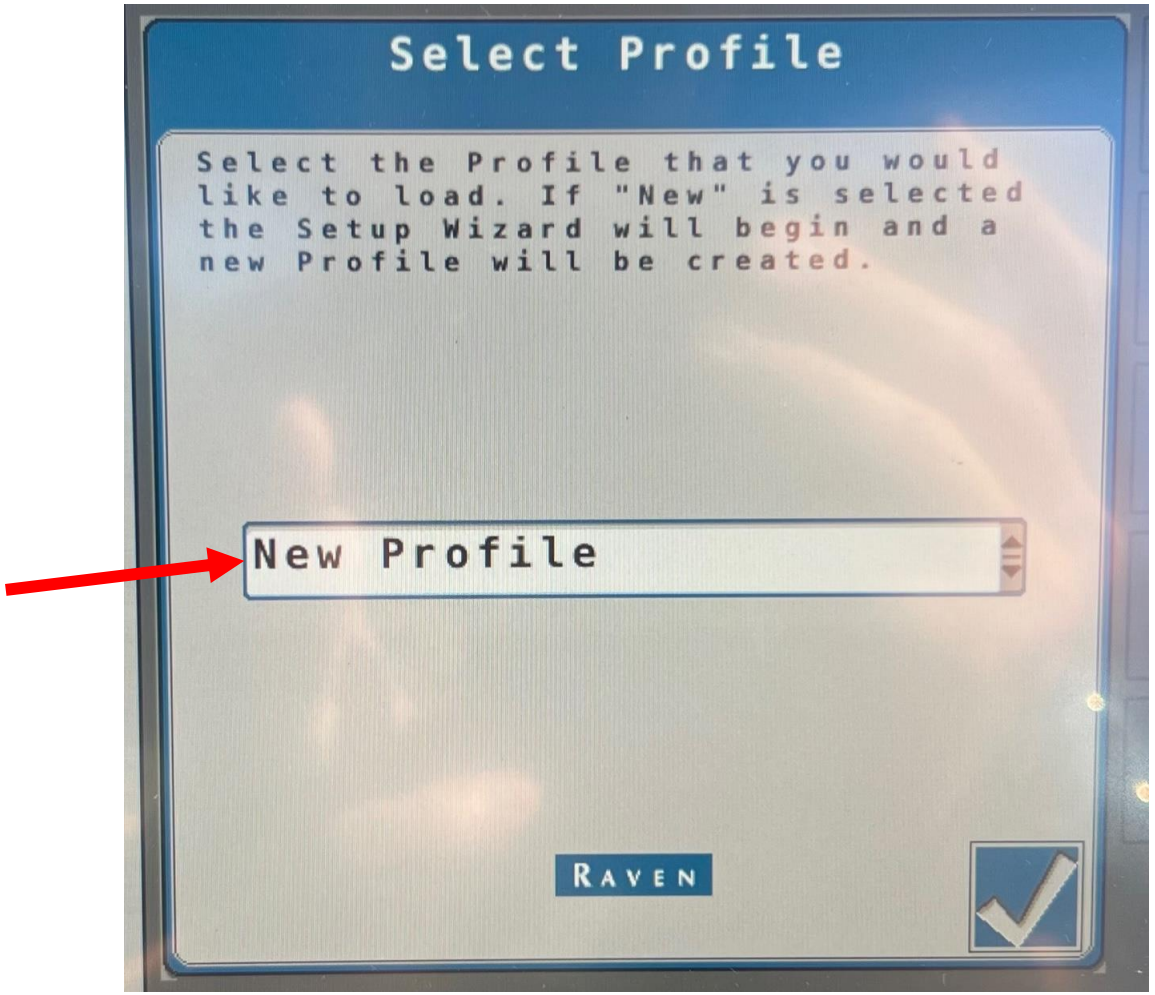




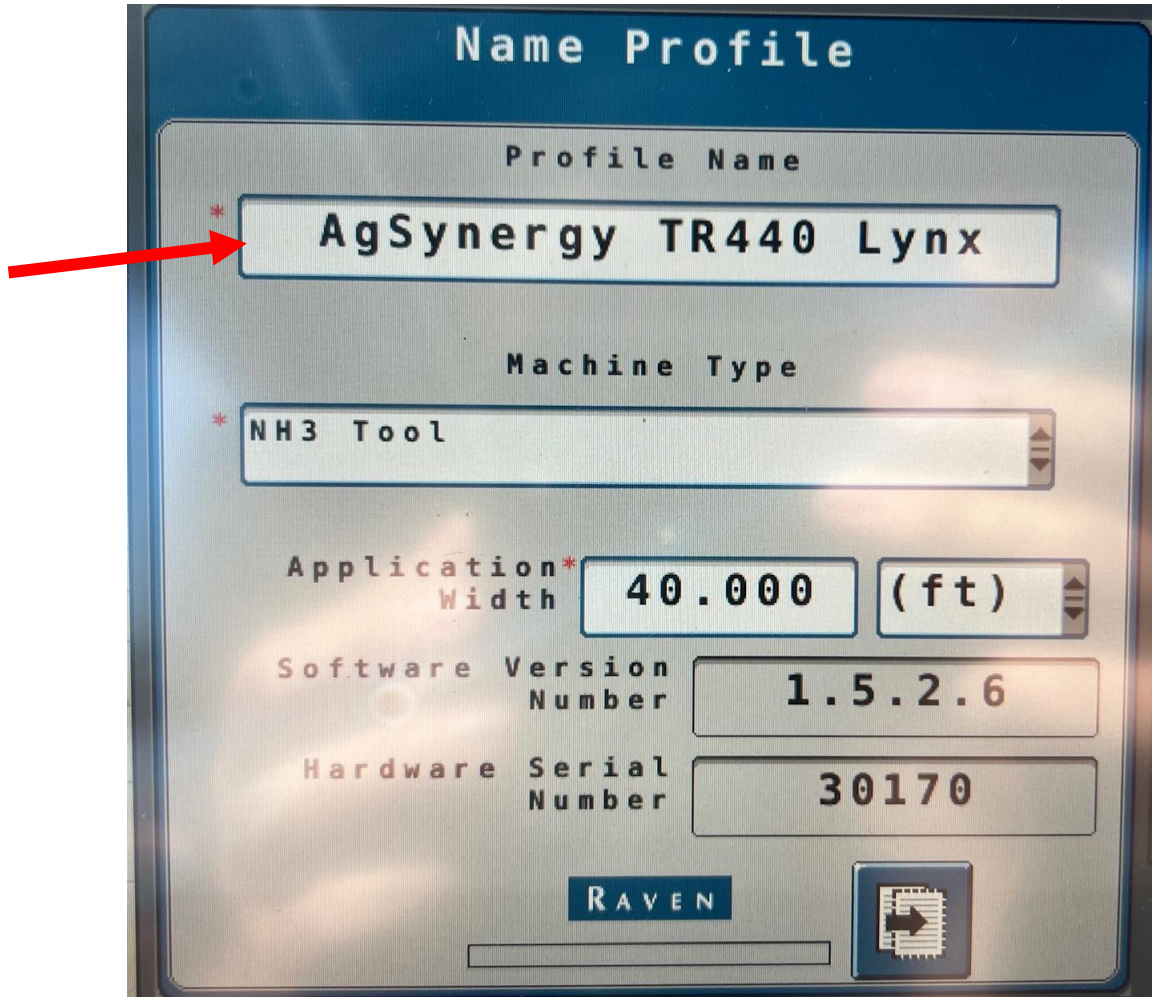
- ***Under Applicator Setup, select Change/New (B)***



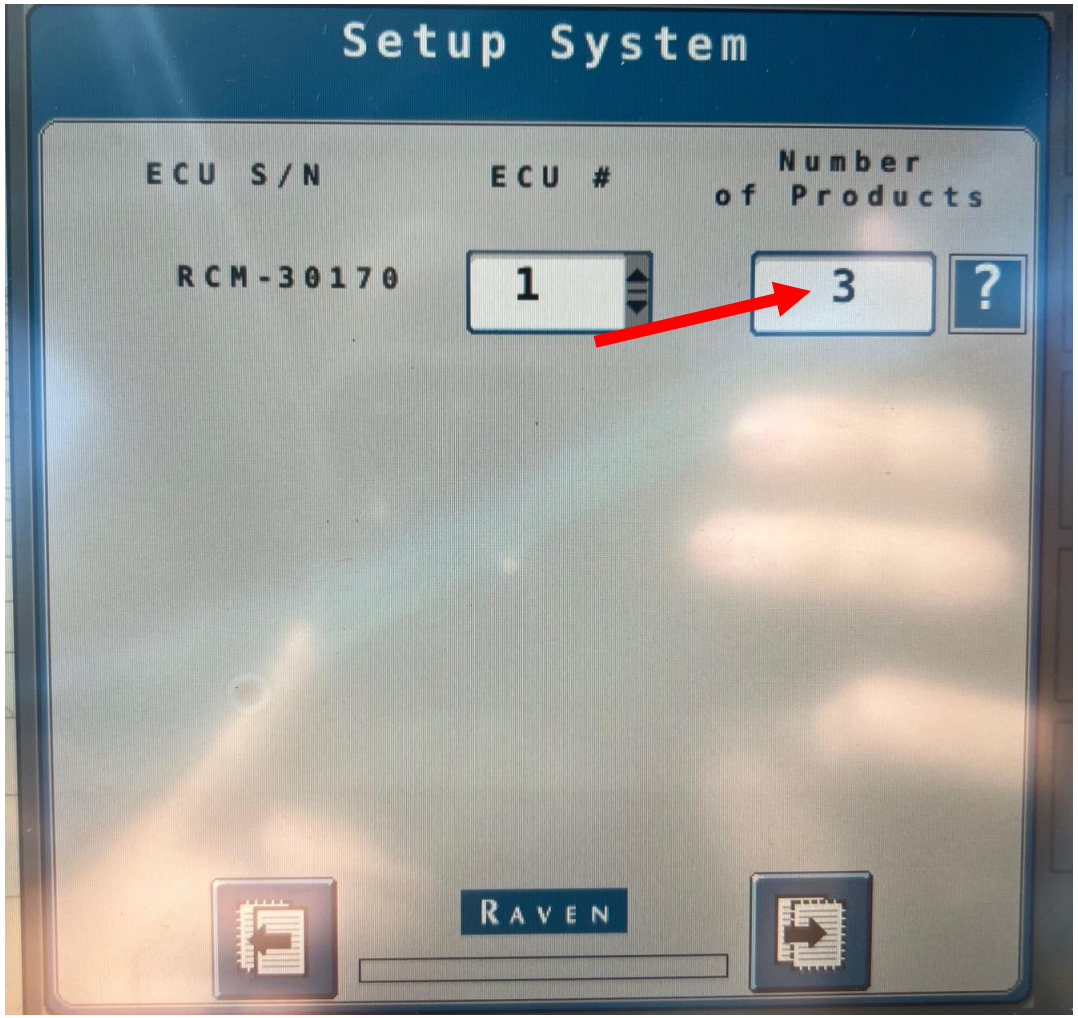
- ***Select New Profile from the drop down menu, Then Press Accept***

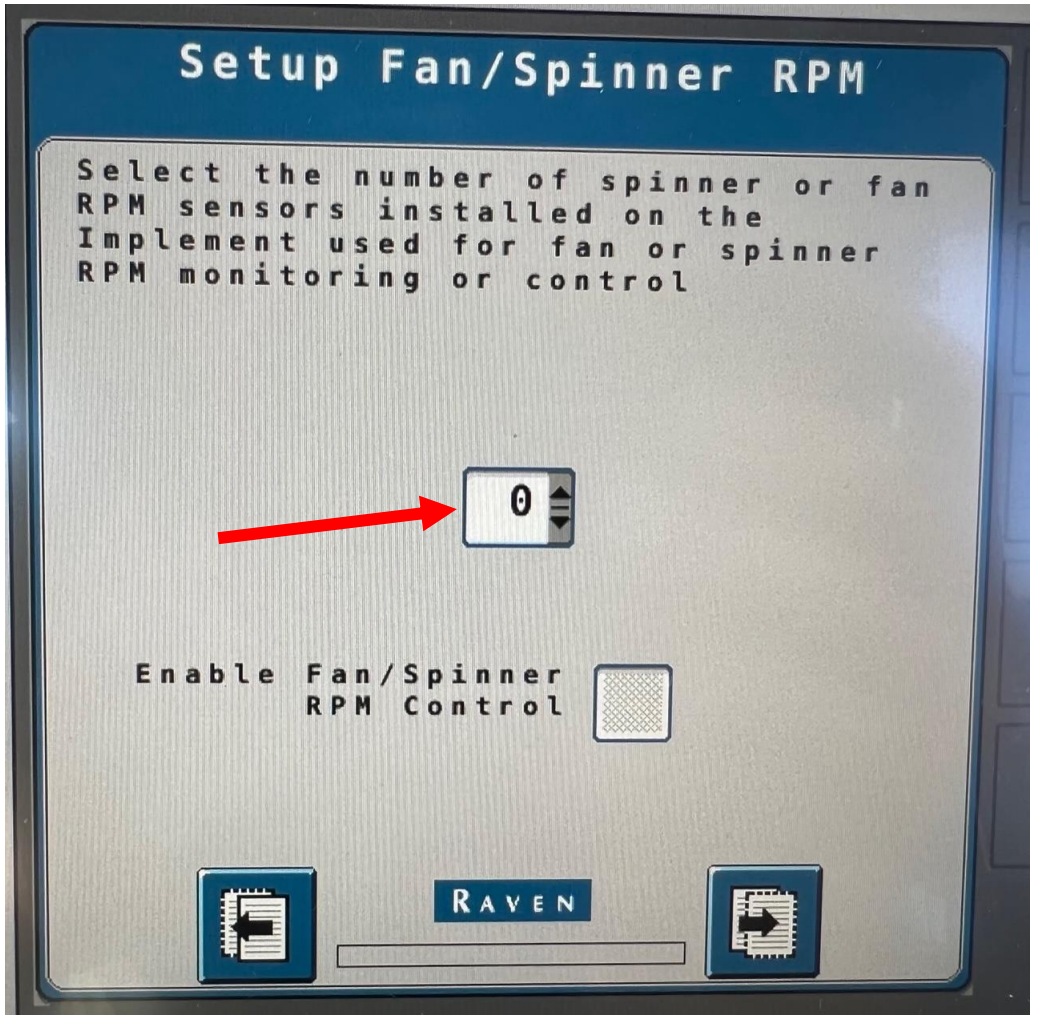


- ***Create a Profile Name , Select NH3 Machine as Machine Type, enter Application Width , and press the next Icon.***

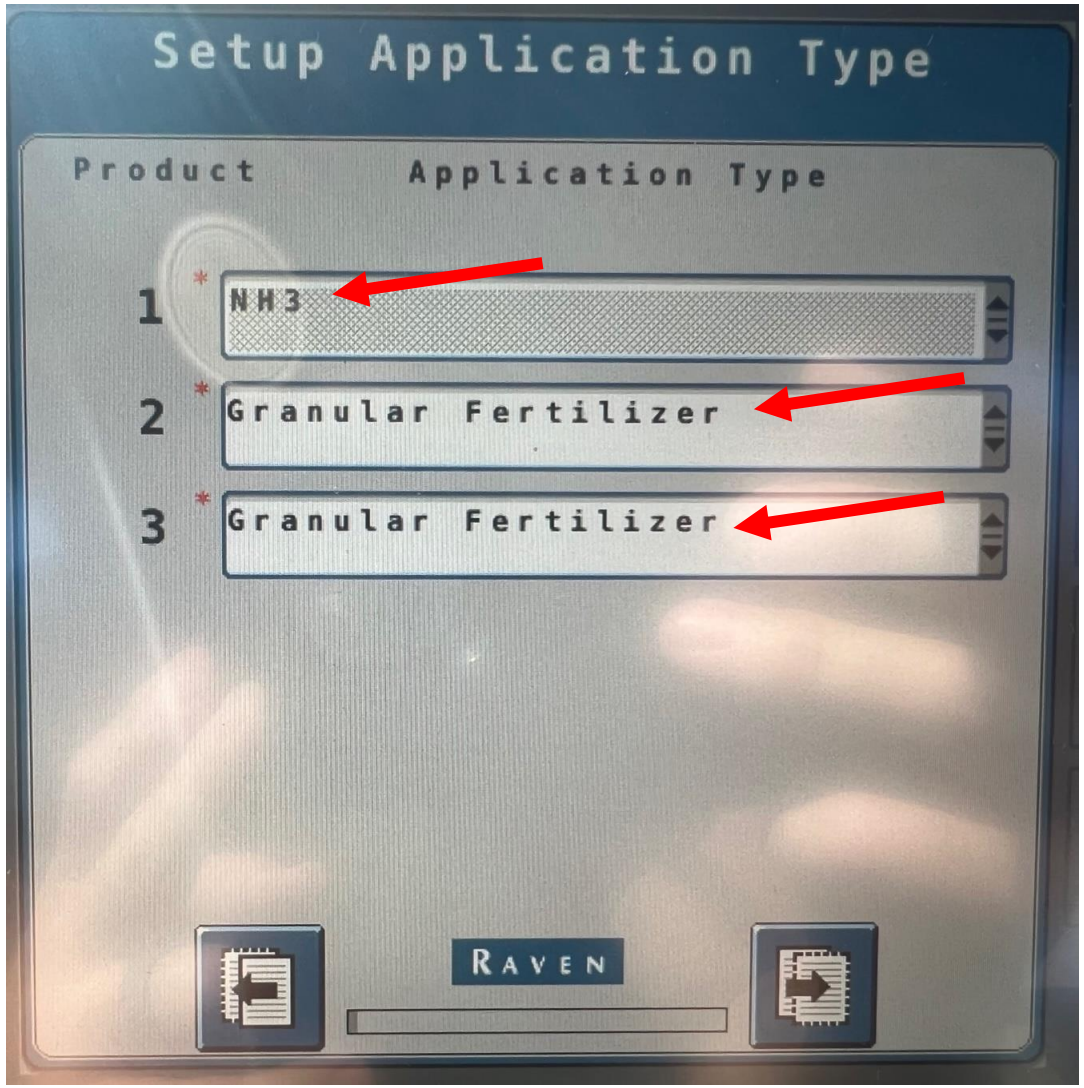


- *Under Setup System enter 3 for the number of products*
- *Under Setup Fan Select "0" from the RPM Sensors dropdown*

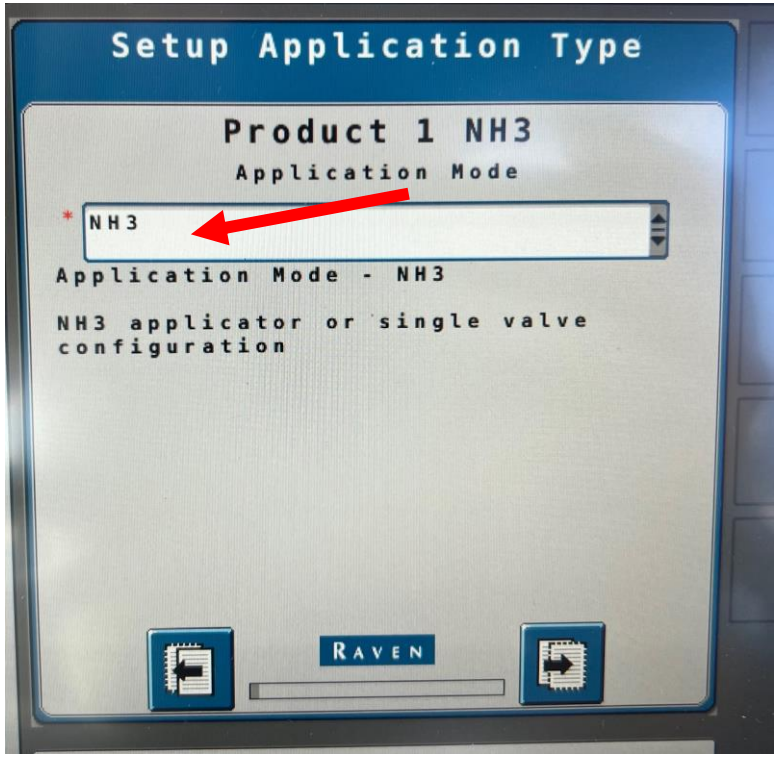


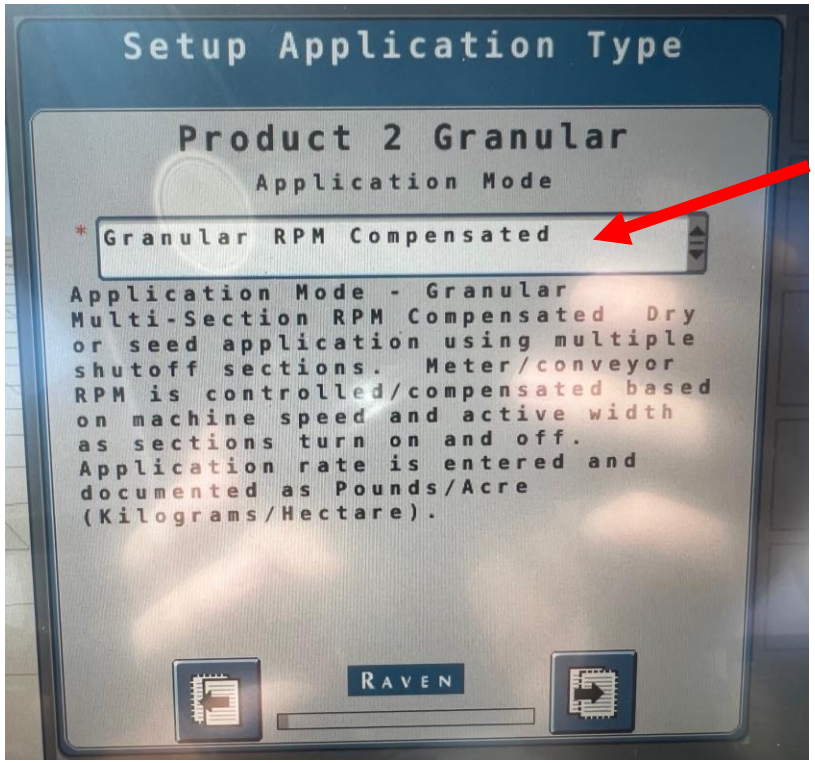


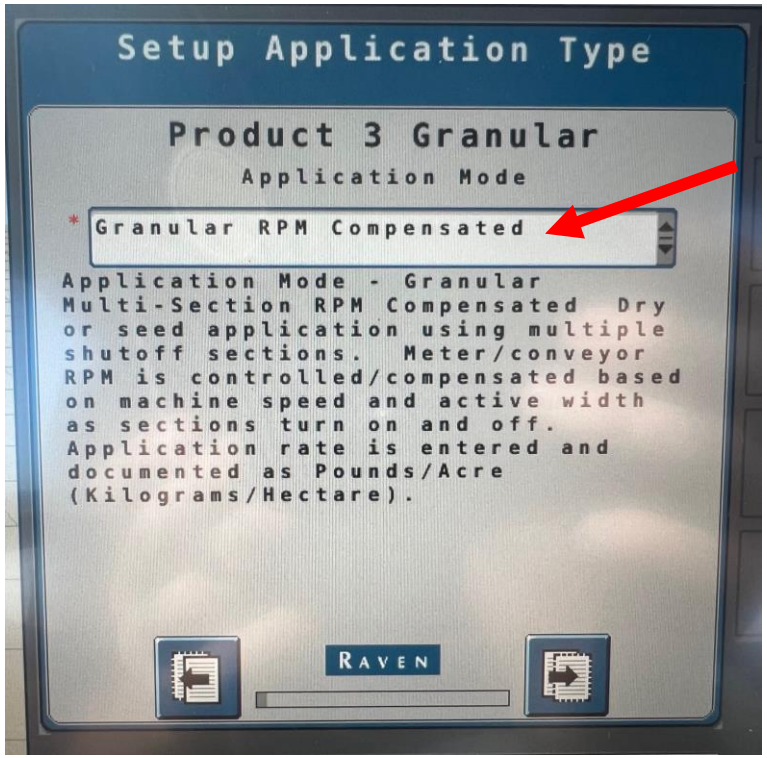
- *Under Setup Application Type select “NH3” for Product 1*
- *Select “Granular Fertilizer” for Product 2 and 3*



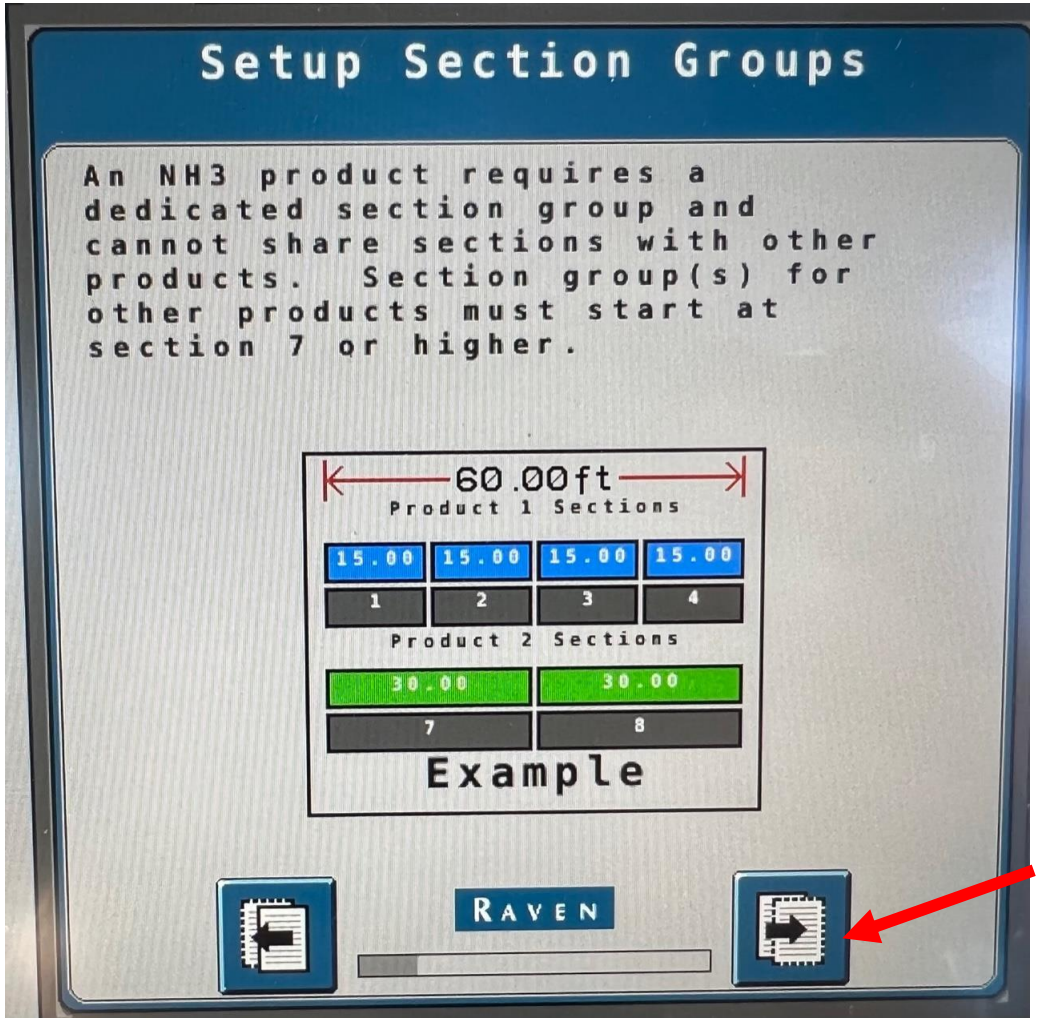
- *Under Setup Application Type select “NH3” for Product 1 Application Mode*
- *Select “Granular Multi Section (RPM compensated)” for Products 2 and 3 Application Mode*



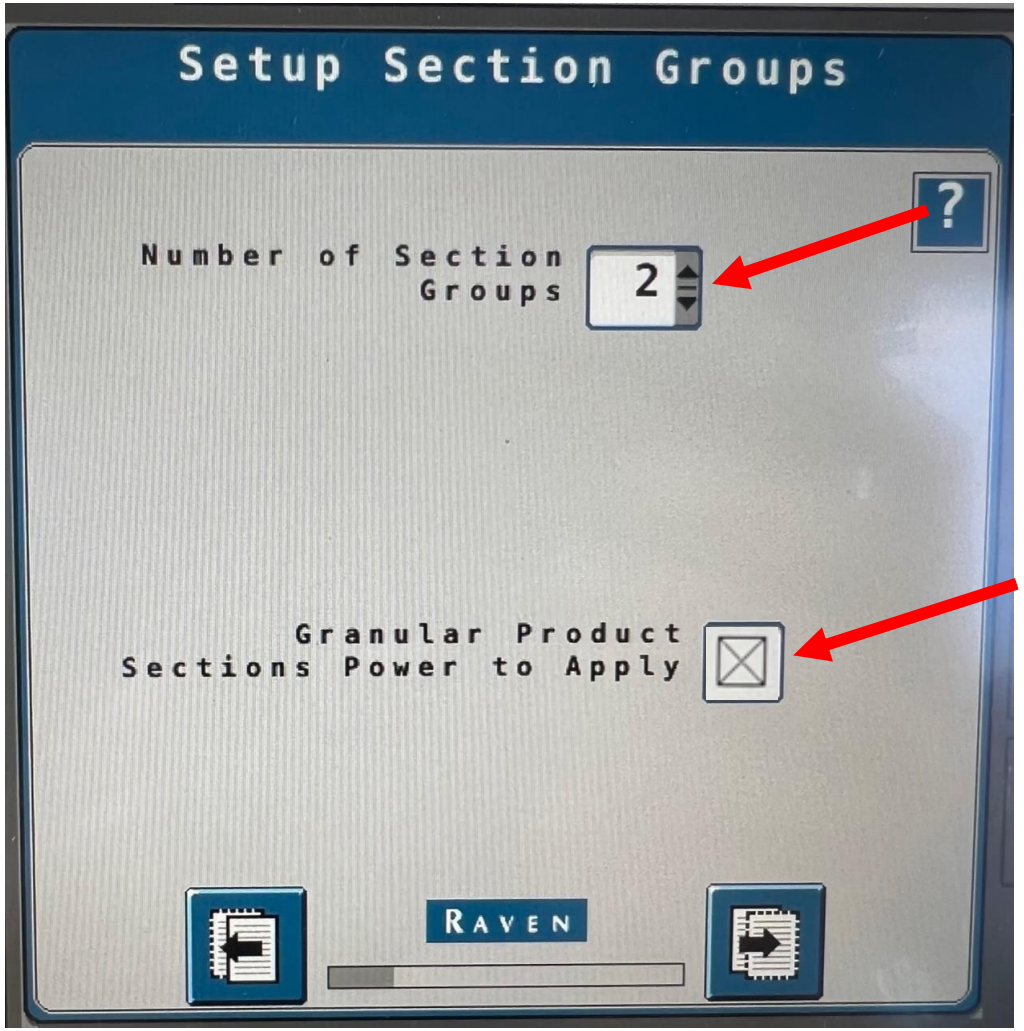




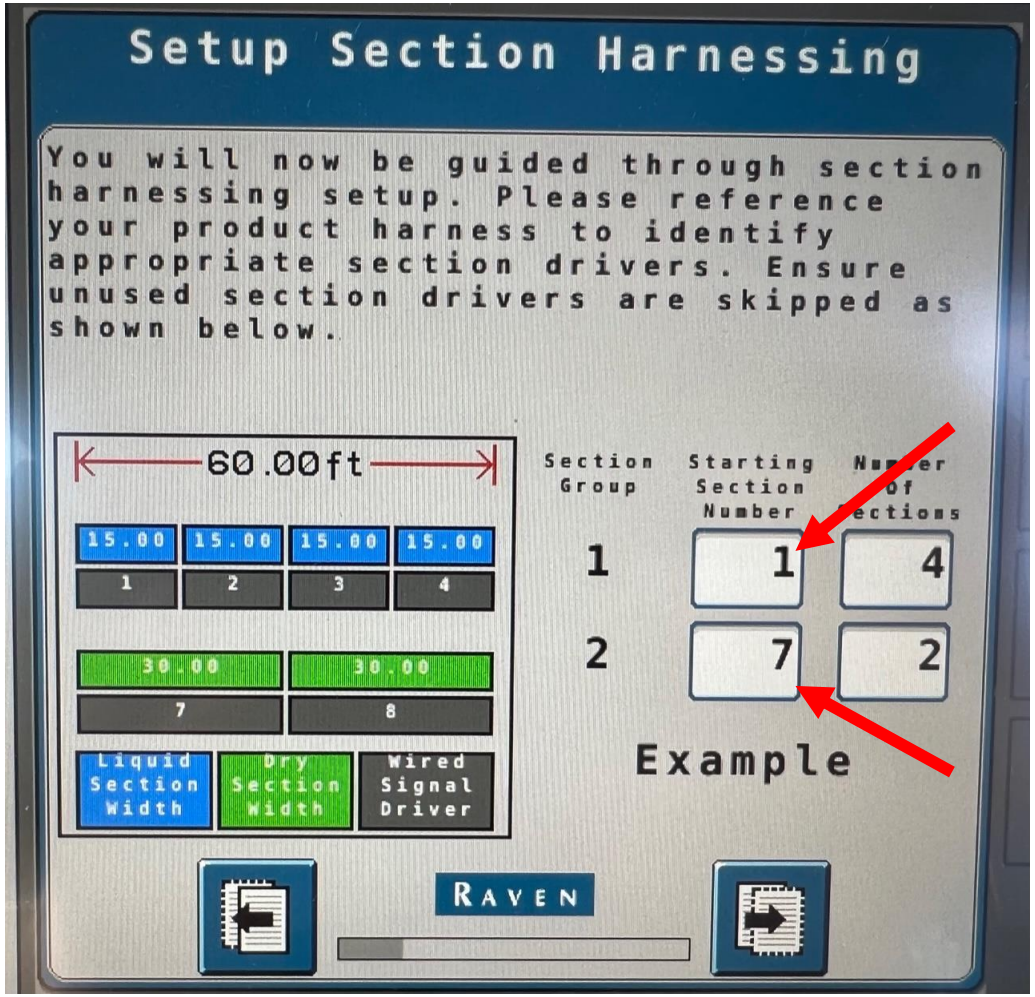
- ***Under Setup Section Groups select Next***



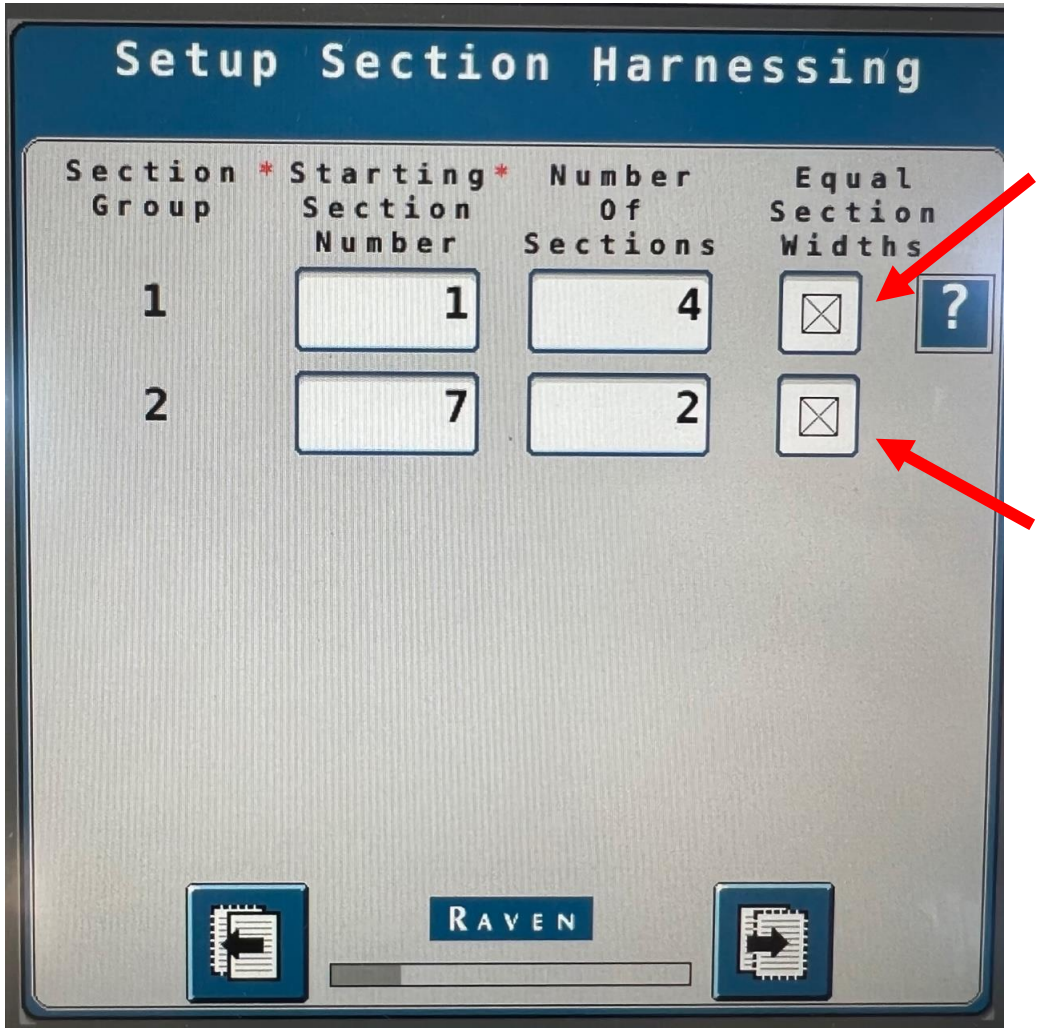
- *Under Setup Section Groups select “2”*
- *Check Granular Product Sections Power to Apply*



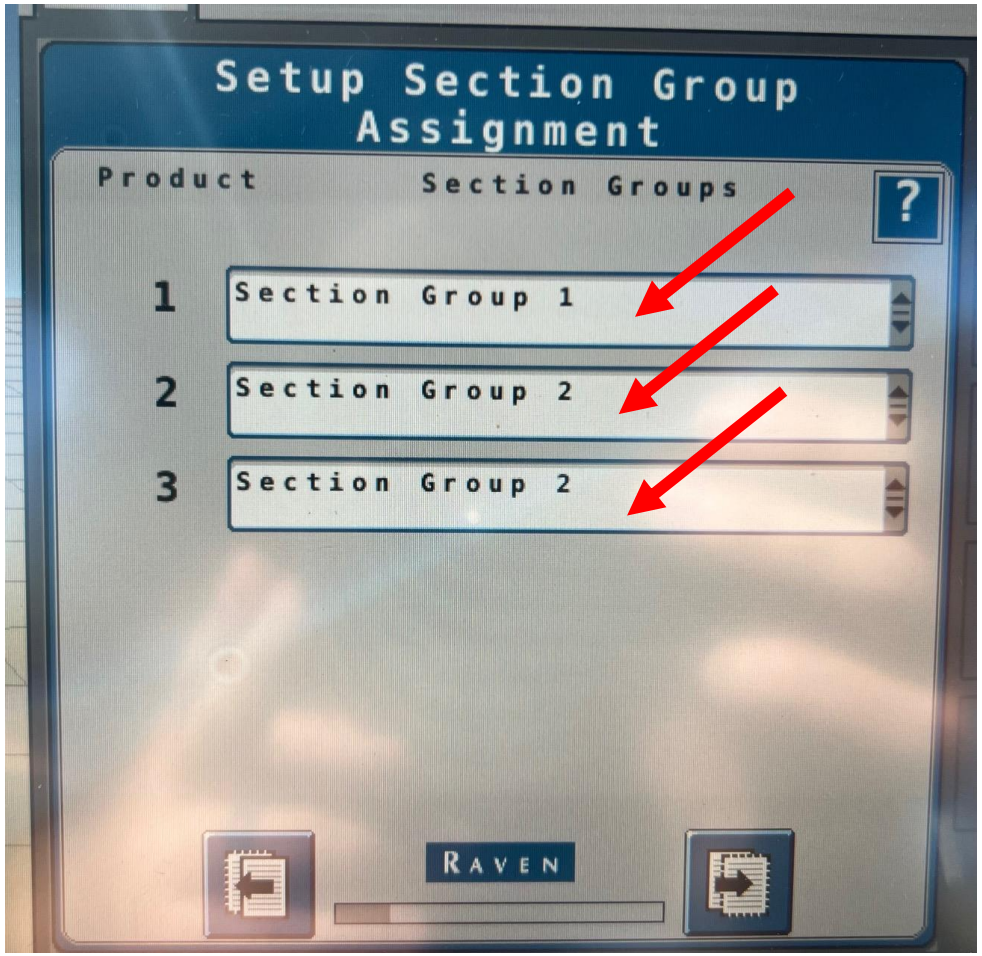
- *Under Setup Section Harnessing Enter “1” for Starting Section Driver and the correct number of sections for Section Group 1.*
- *Enter “7” for Starting Section Driver 2 and 2 Sections.*



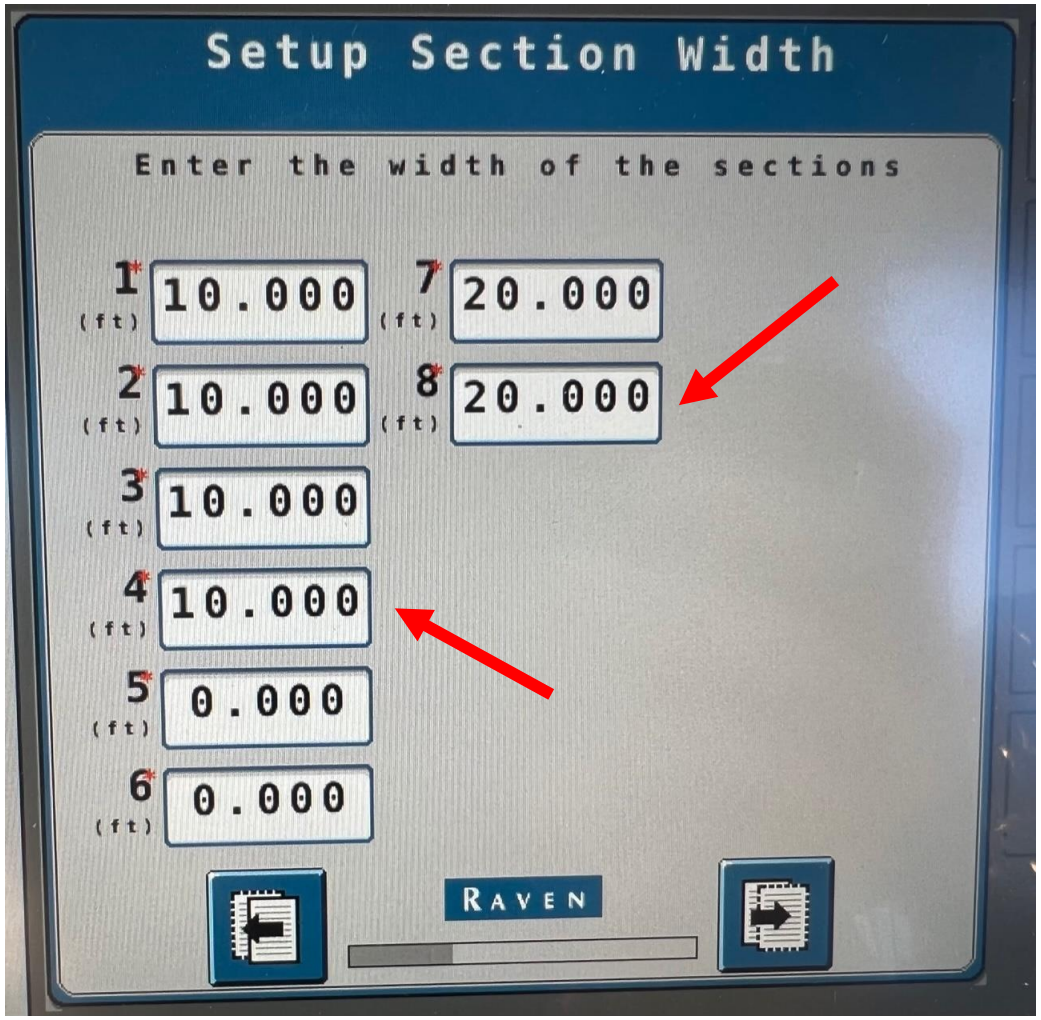
- *Under Setup Section Groups Enter “1” for Starting Section Driver and the correct number of sections for Section Group 1 and select “Equal Section Widths”.*
- *For Section Group 2 Enter “7” as the Starting Section Driver and the correct number of Sections and select “Equal Section Widths”*
- *The first 6 section groups are reserved for NH3 so Section Group 2 needs to start at 7 or higher*



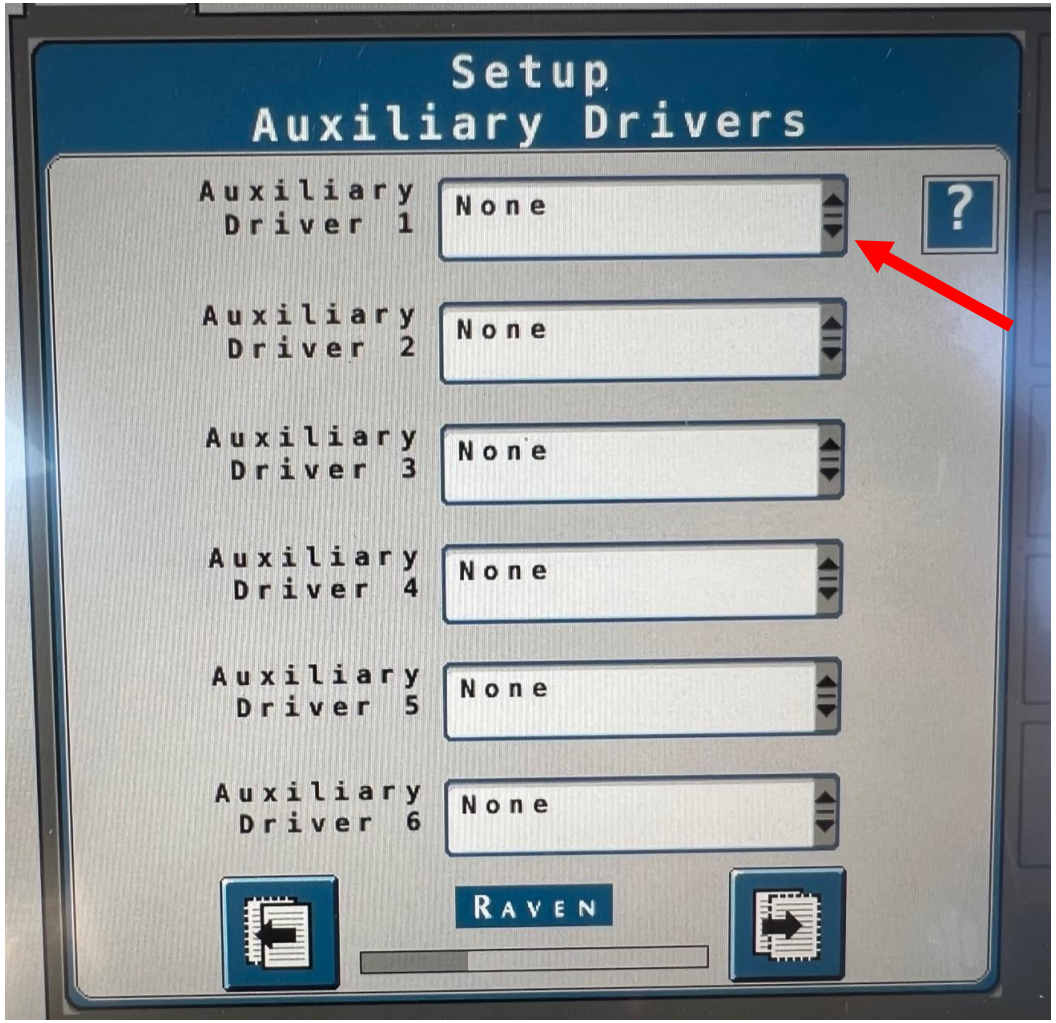
- *Under Setup Section Groups select “Section Group 1” for Product 1*
- *Select “Section Group 2” for Product 2*
- *Select “Section Group 2” for Product 3*



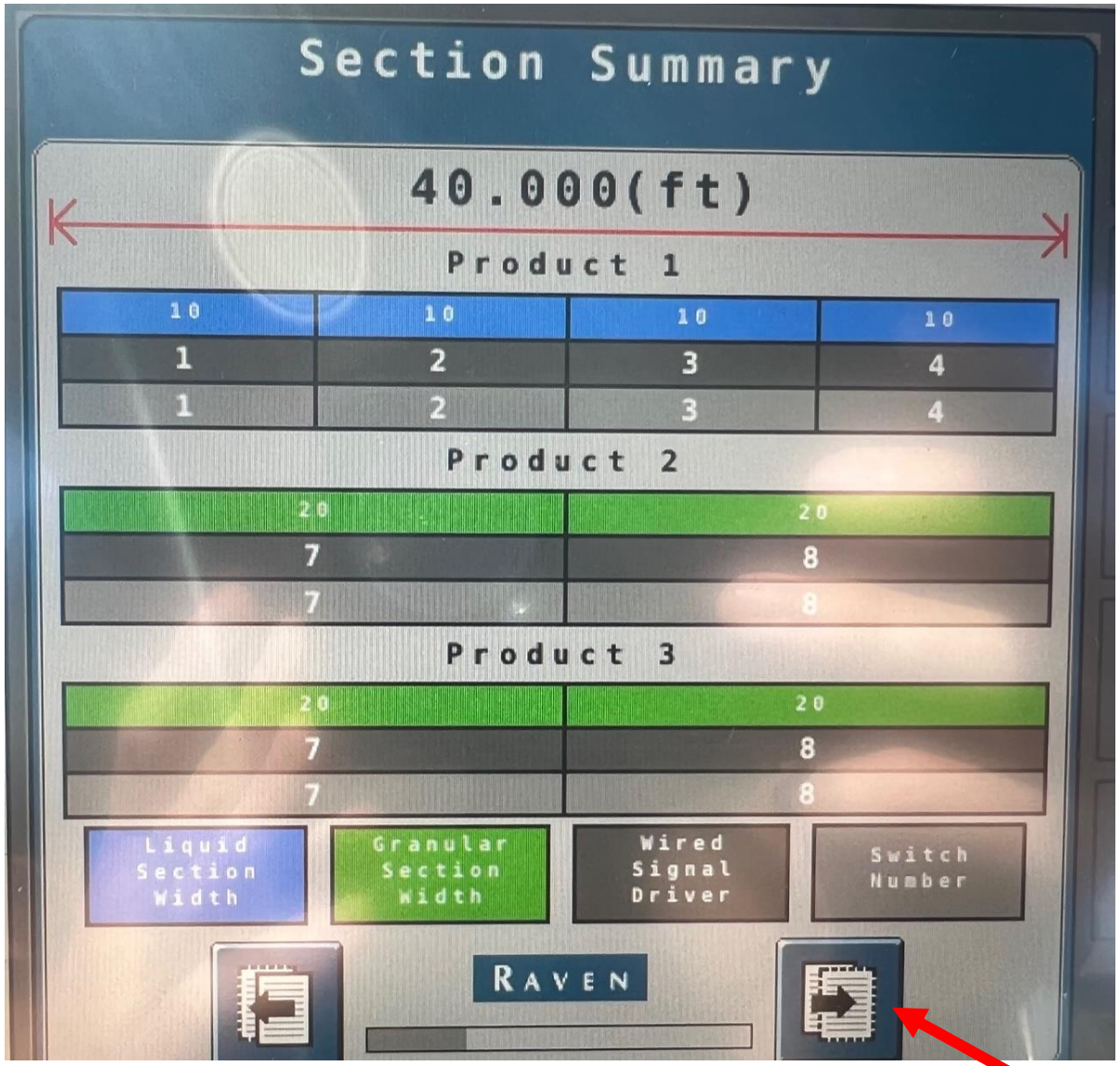
- ***Under Setup Section Width enter the correct width for each section.***



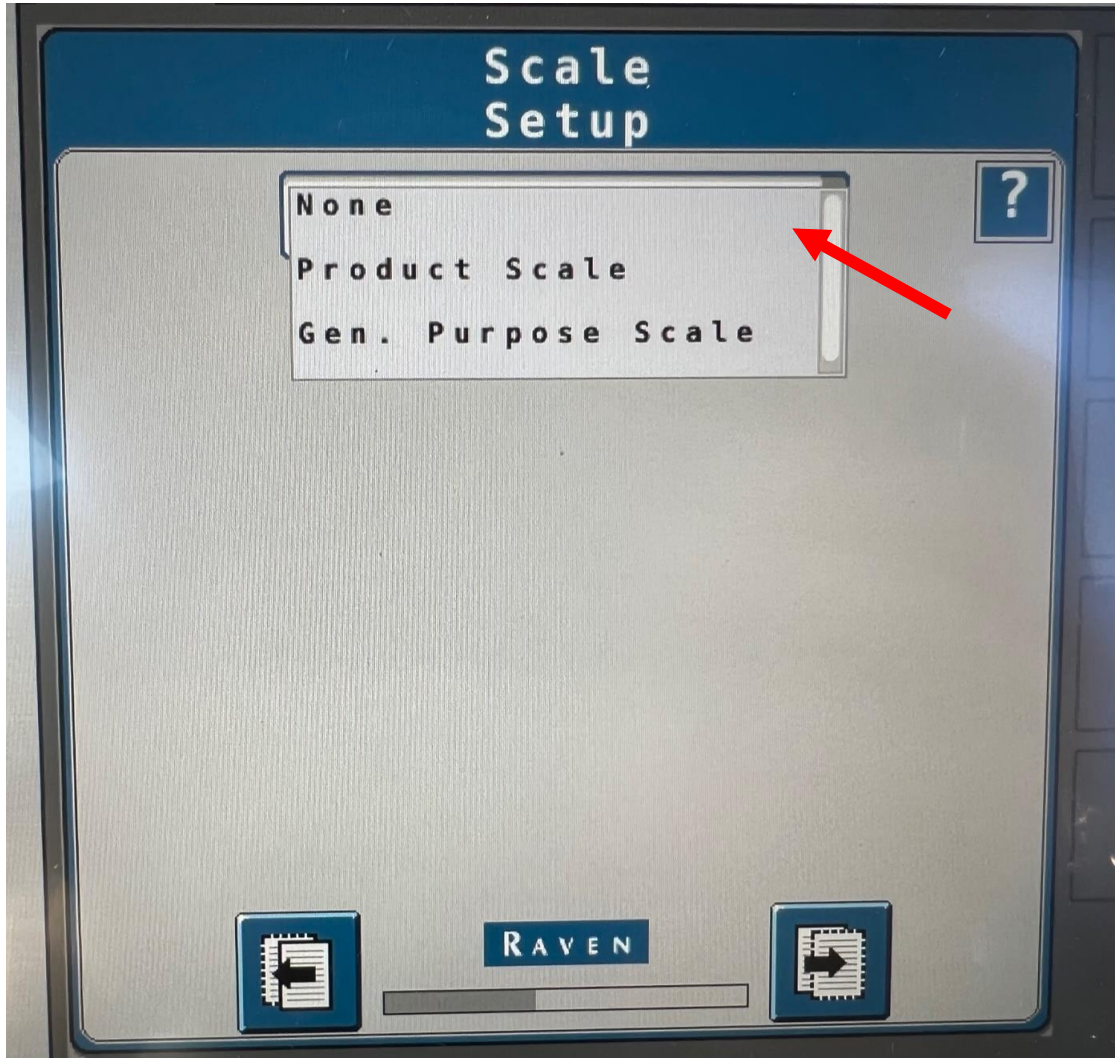
- ***Under Setup Auxiliary Drivers select “None”***



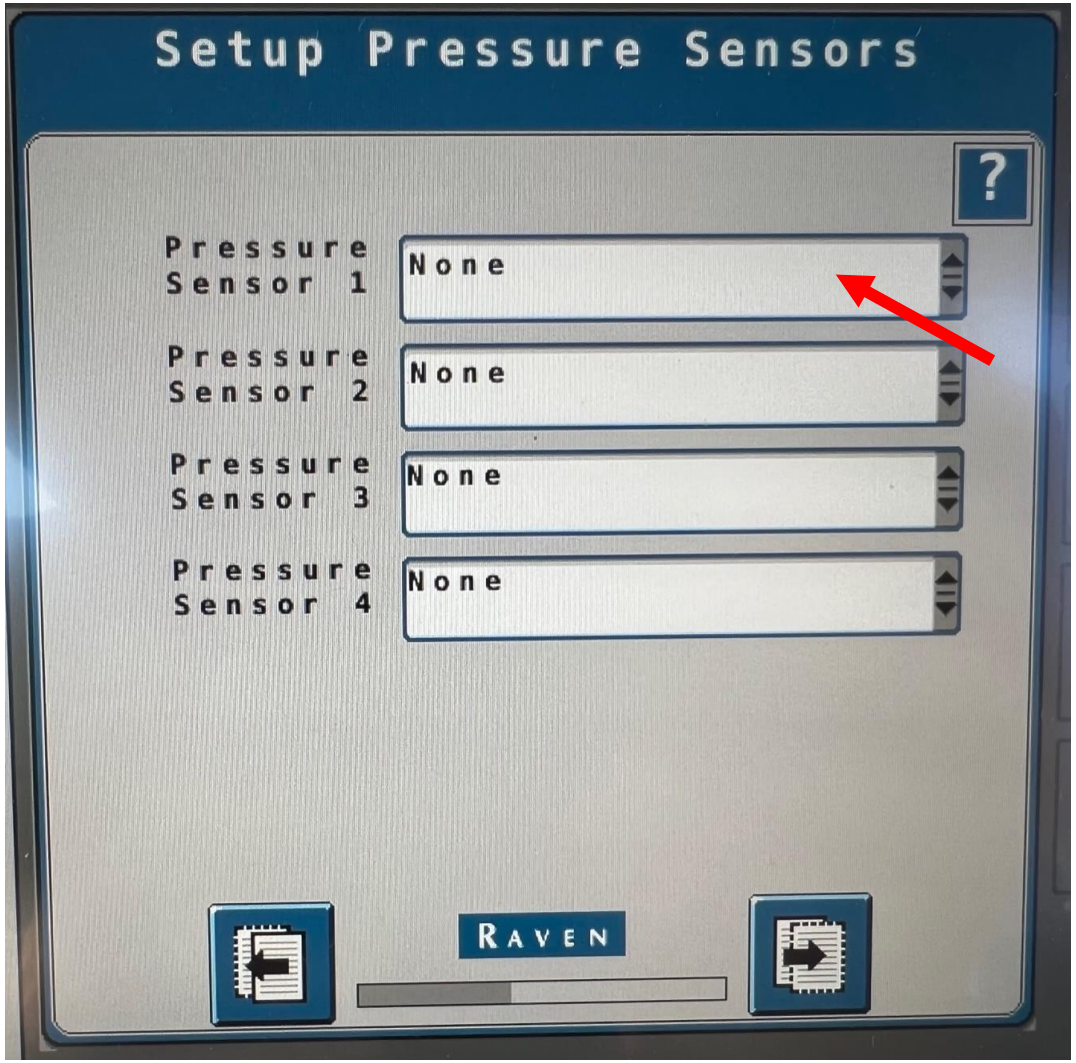
- ***Verify sections are correct and select next.***



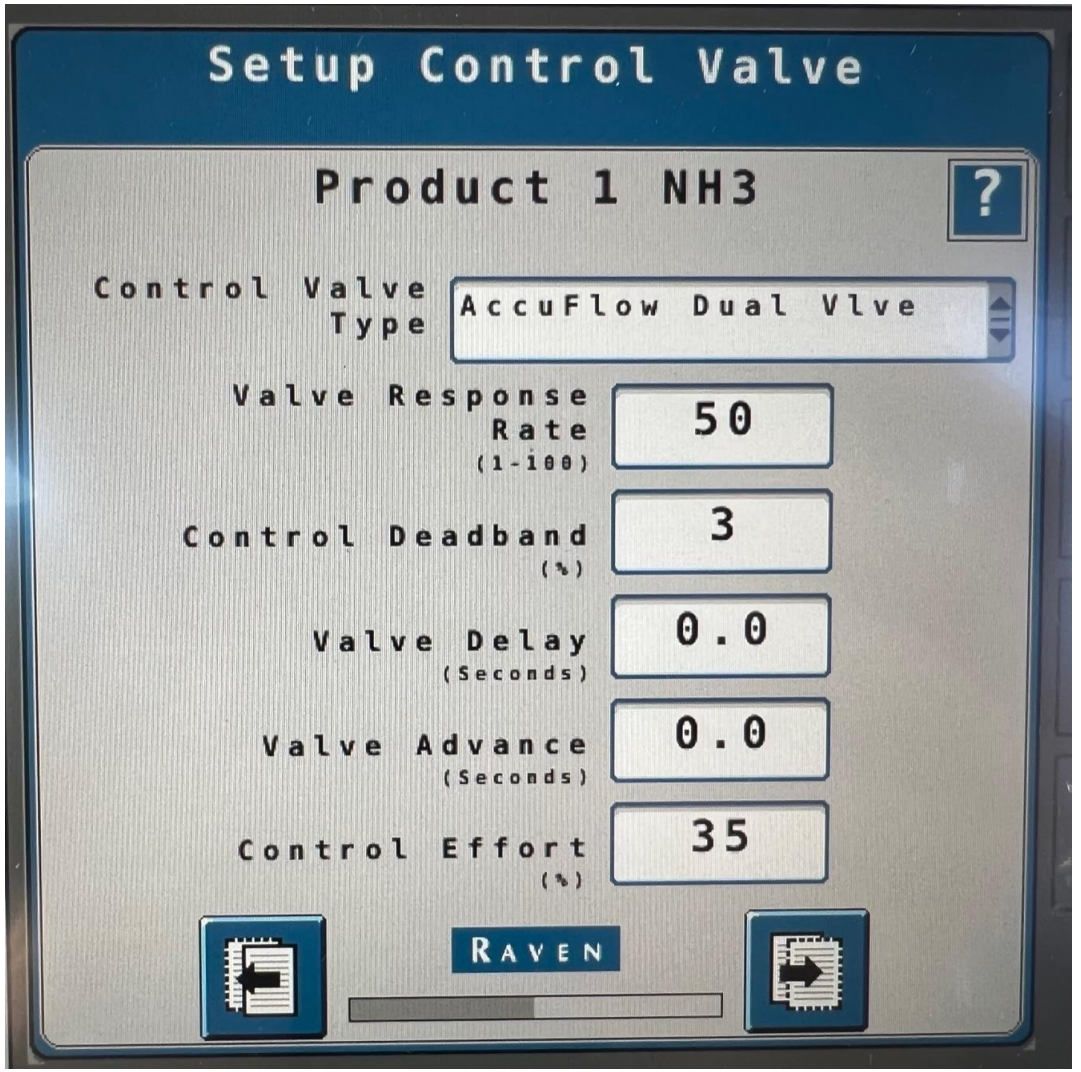
- *If no scales are present, select “None”*



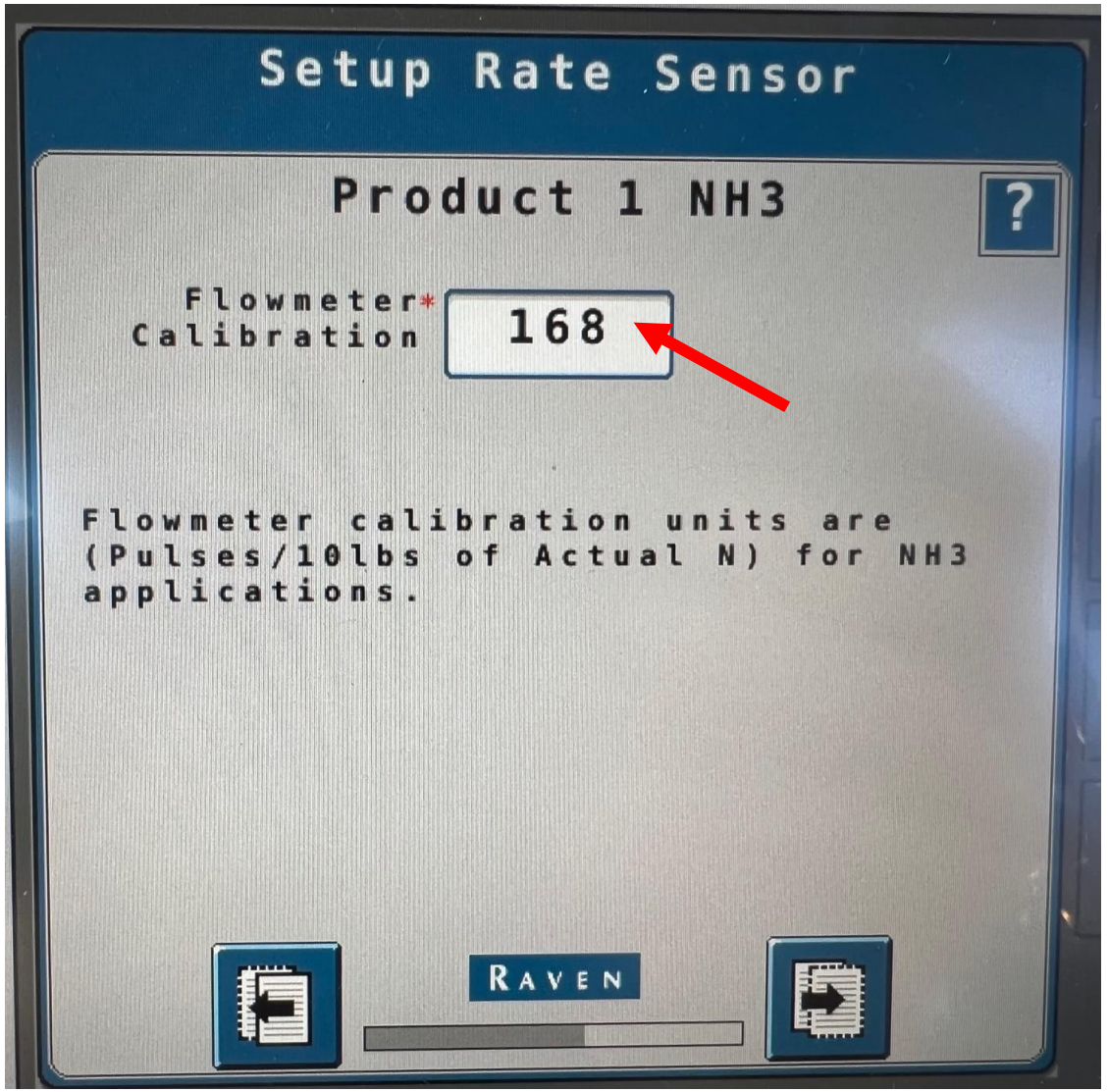
- ***Under Setup Pressure Sensors select “None”***



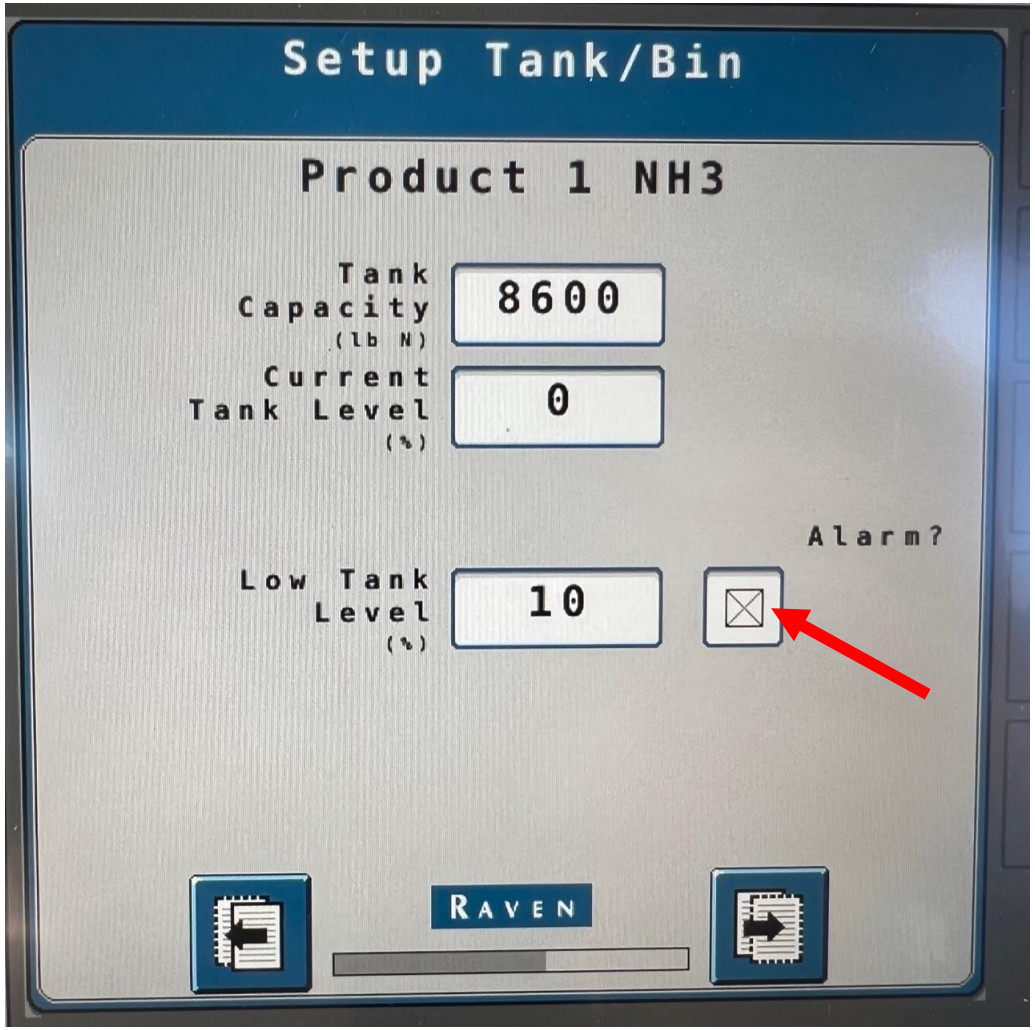
- *Under Setup Control Valve-Product 1 NH3 select “AccuFlow Dual Valve” under Control Valve Type*
- *Enter “50” for Valve Response Rate*
- *Enter “3” for Control Deadband*
- *Enter “0” for Valve Delay*
- *Enter “0” for Valve Advance*
- *Enter “35” for Control Effort*



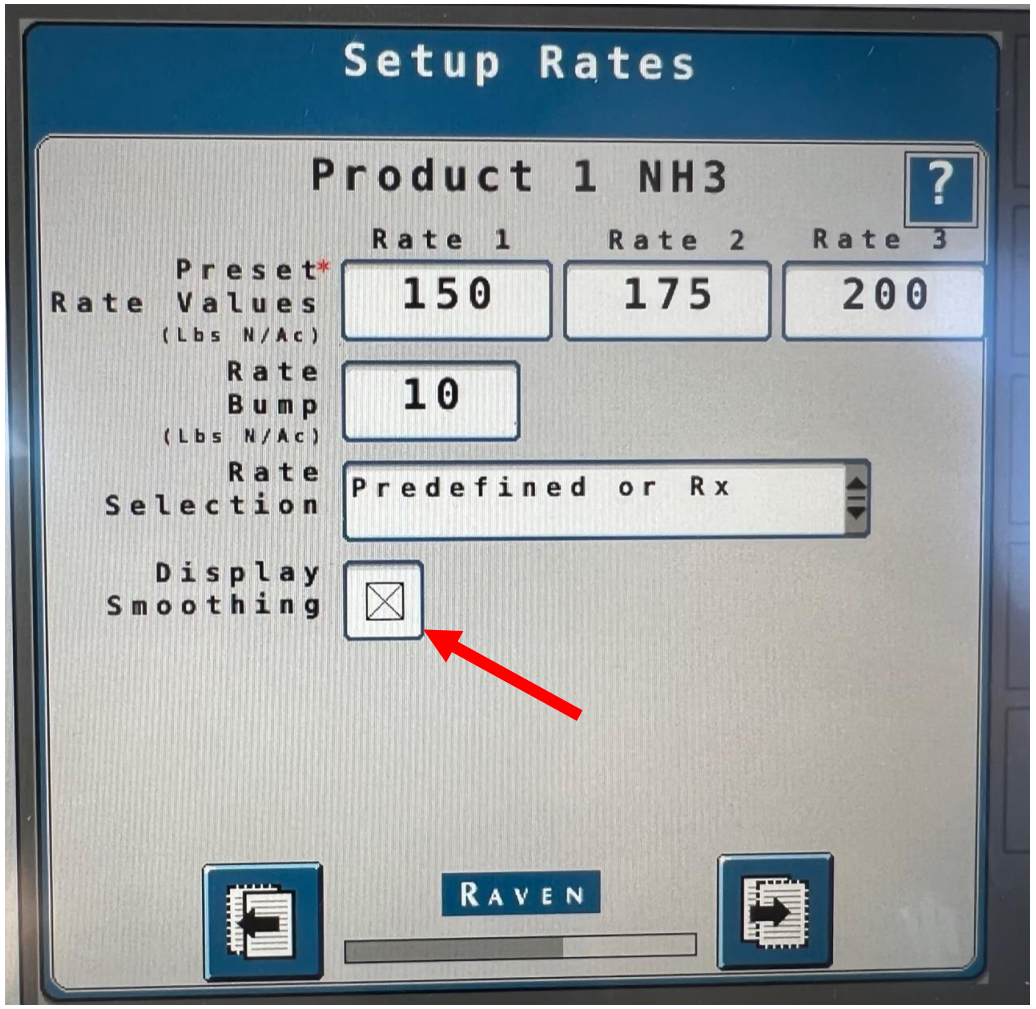
- ***Under Setup Rate Sensors-Product 1 NH3 enter the Flowmeter Calibration number from the tag on the flow meter***



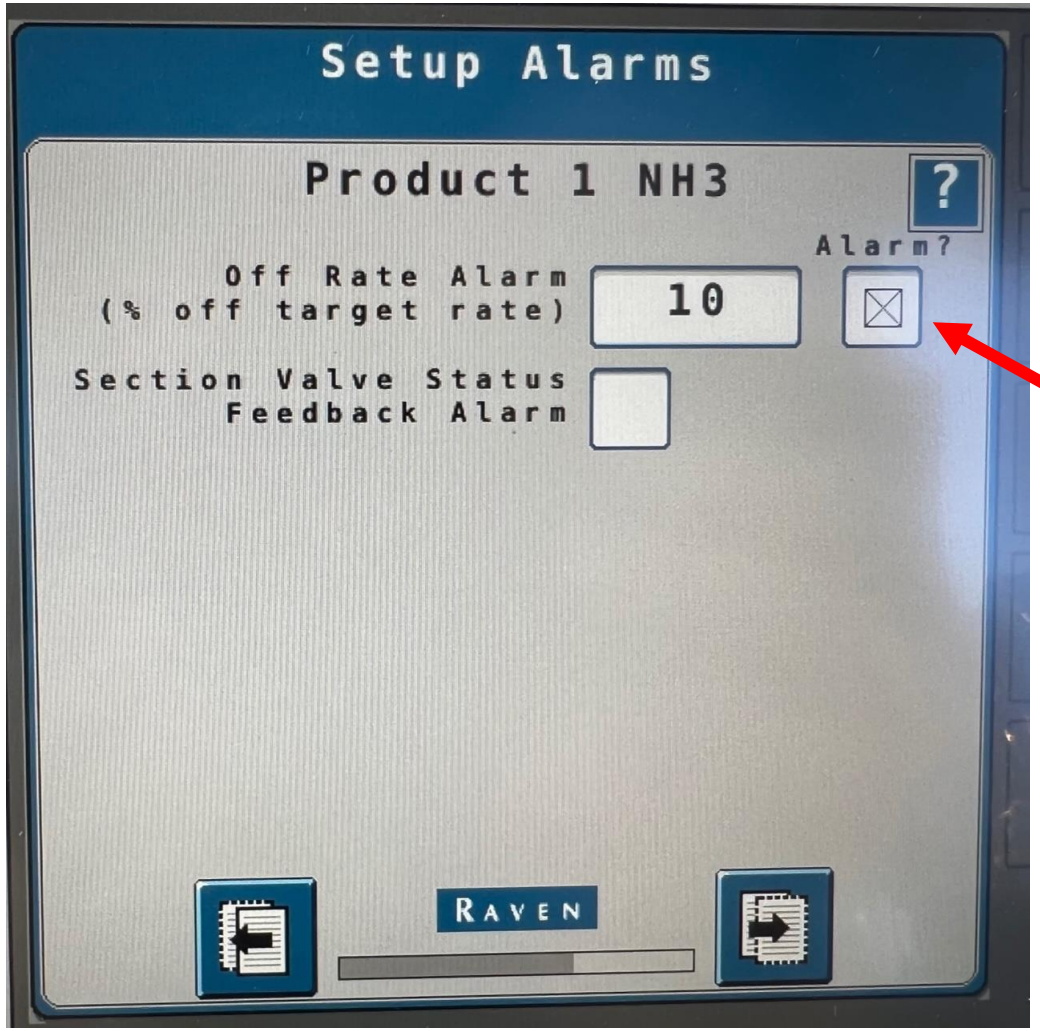
- *Under Setup Tank-Product 1 NH3 enter the desired Tank Capacity and*
- *Enter "10" for Low Tank Level and check "Alarm?" box*



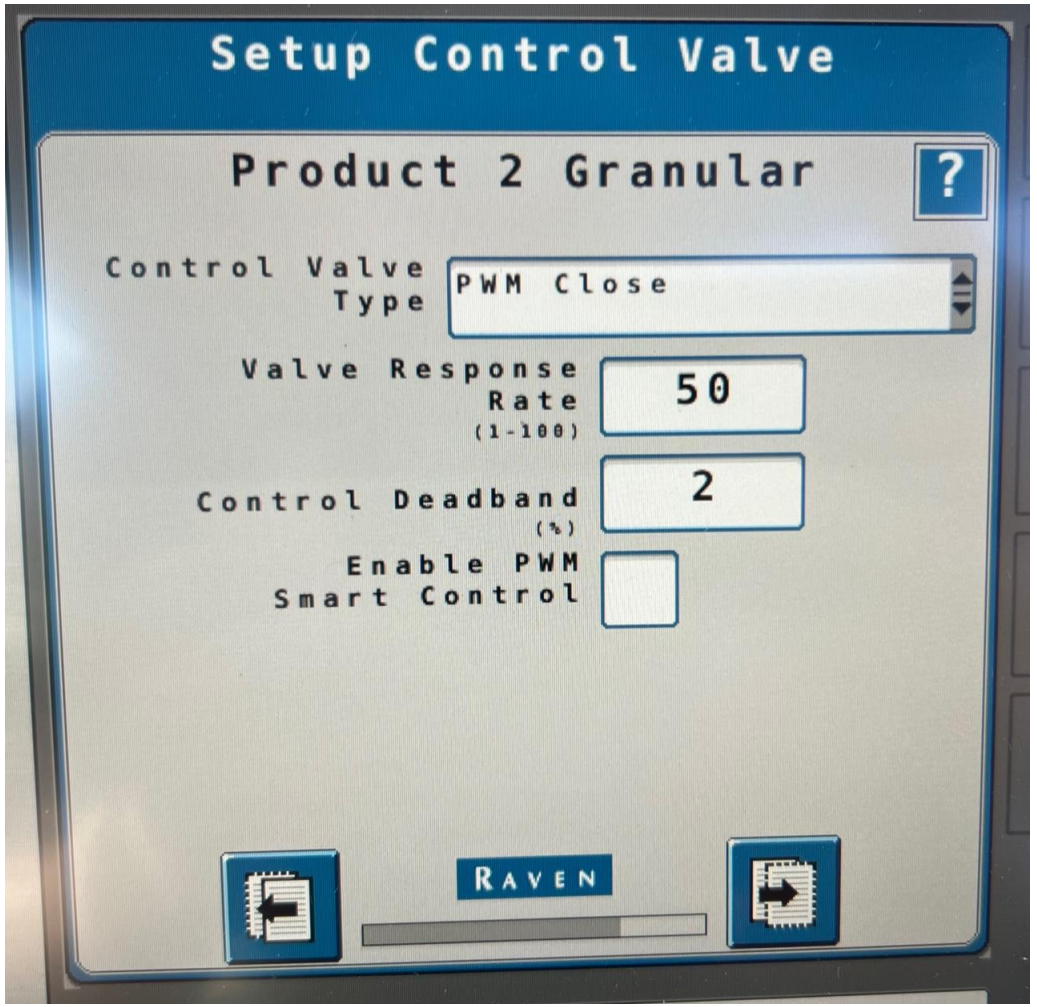
- *Under Setup Rates-Product 1 NH3 enter the desired Preset Rate Values*
- *Enter "5" for Rate Bump*
- *Select desired Rate Selection and check Display Smoothing Box*



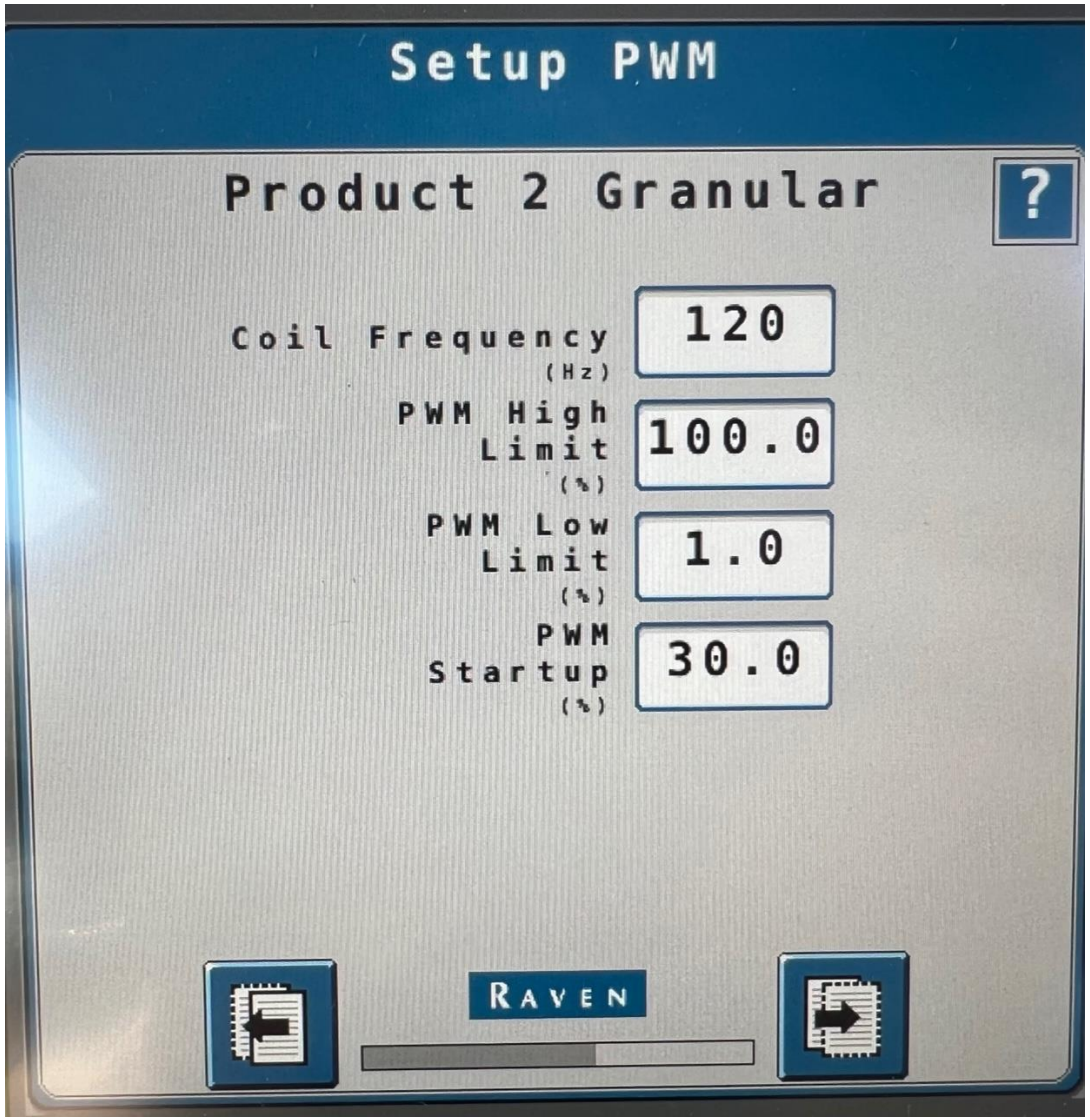
- *Under Setup Alarms-Product 1 NH3 enter the desired Off Rate Alarm and select the "Alarm?" Checkbox*



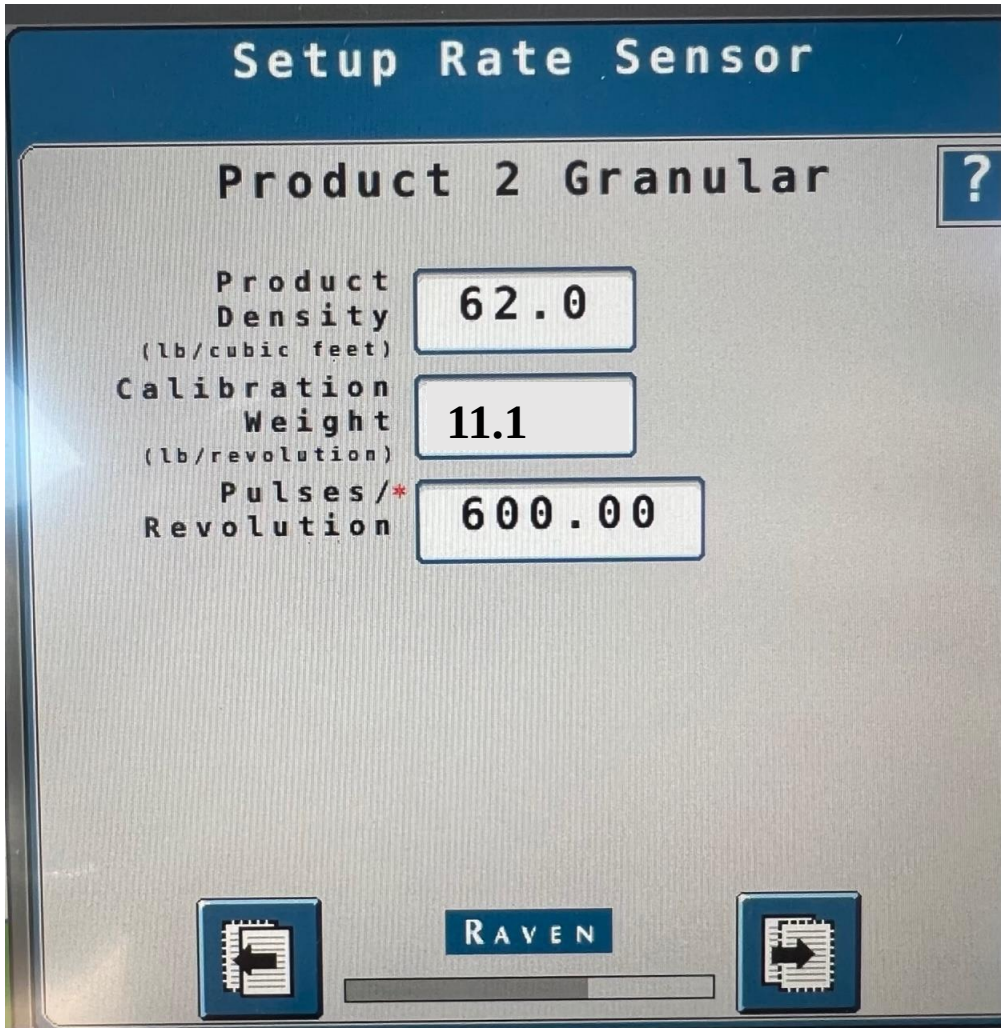
- *Under PWM Setup Valve-Product 2 Granular select “PWM Close” under Control Valve Type*
- *Enter “50” for Valve Response Rate*
- *Enter “2” for Control Deadband*



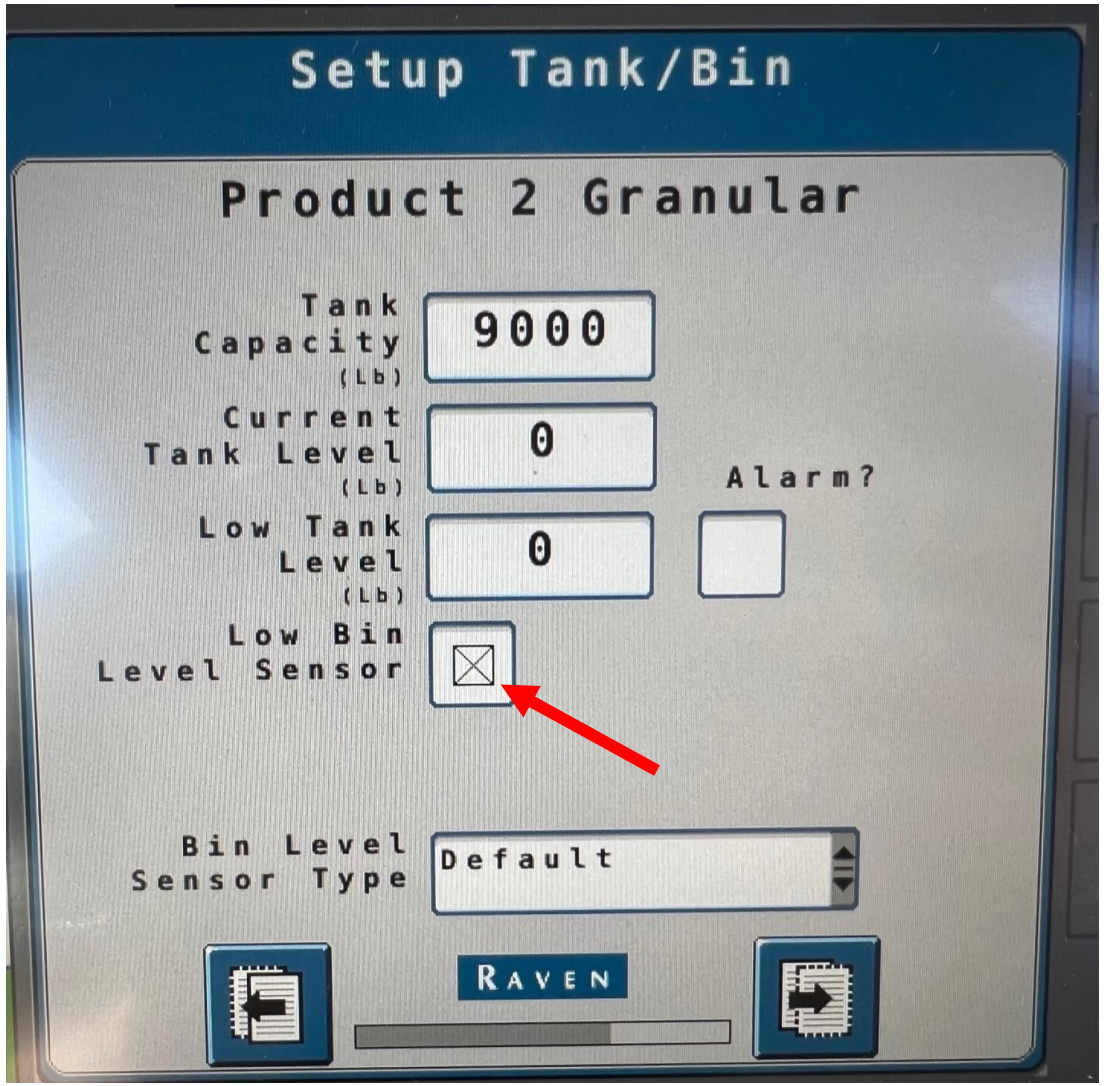
- *Under Setup PWM-Product 2 Granular enter “120” for Coil Frequency*
- *Enter “100” for High Limit*
- *Enter “1” for Low Limit*
- *Enter “30” for PWM Startup*



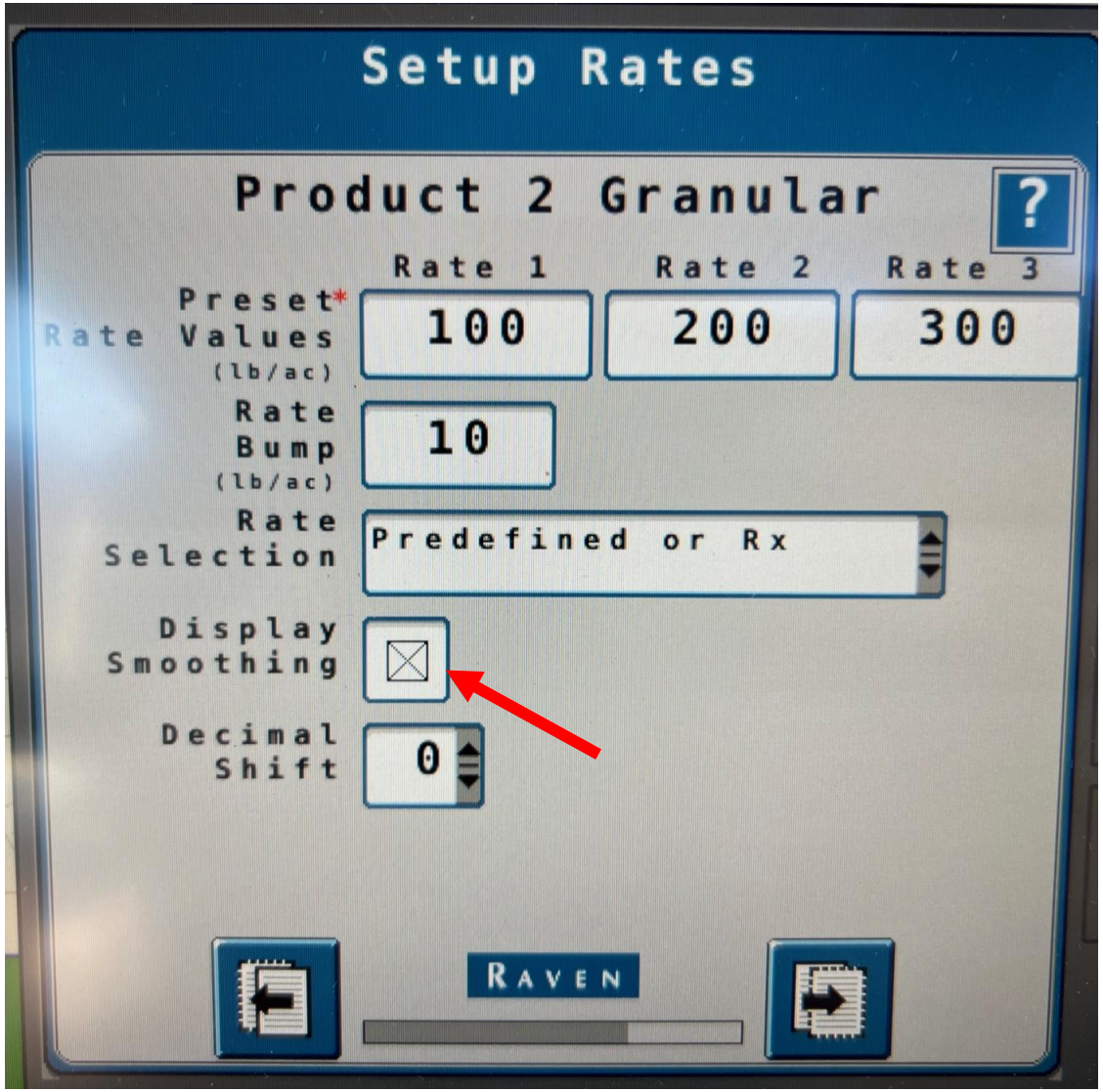
- *Under Setup Rate Sensor-Product 2 Granular*
- *Enter “600” for Pulses/Revolution*
- *Enter “38” for Product Density*
- *Enter Calibration Weight*
  - *Calibration Weight=1.2 x # of rows*



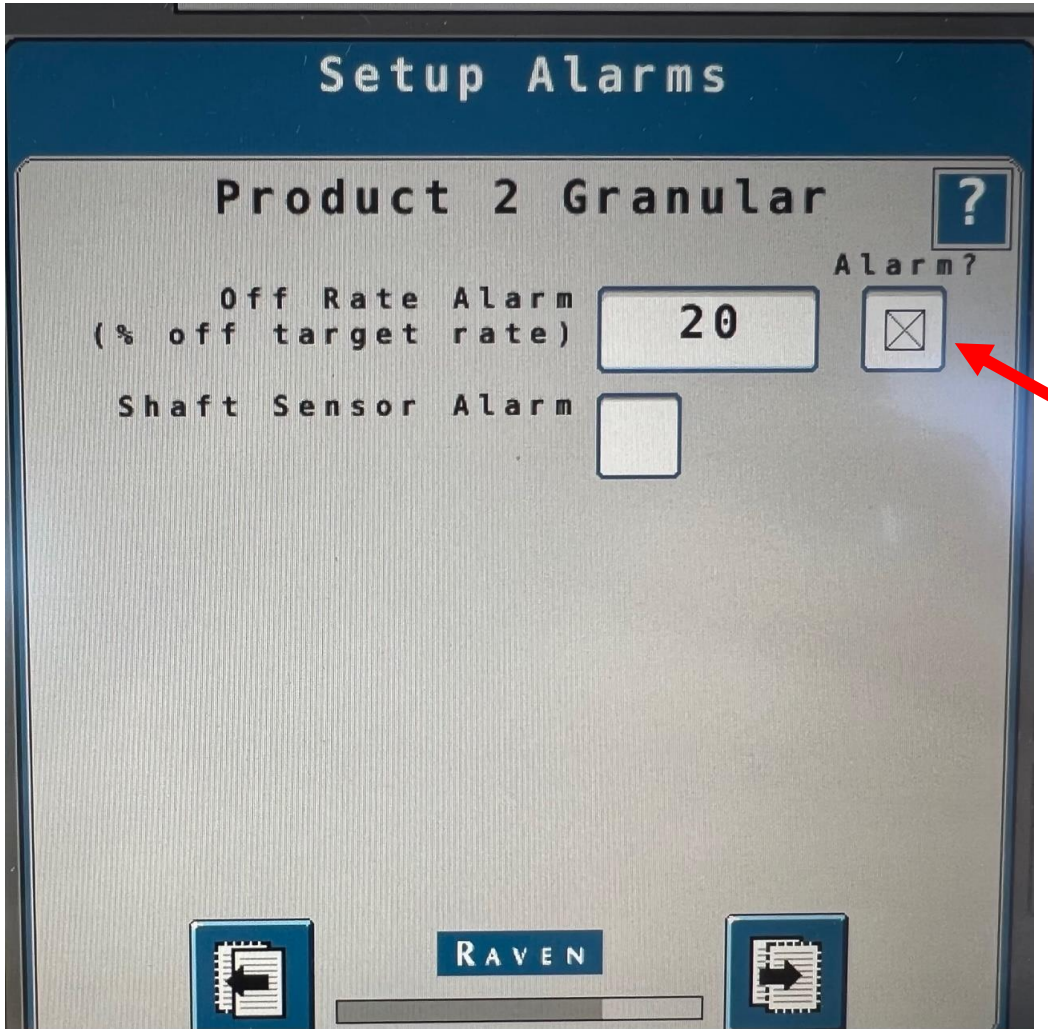
- *Under Setup Tank-Product 2 Granular*
- *Enter “9000” for Tank Capacity*
- *Enter “0” for Low Tank Level*
- *Select “Low Bin Level Sensor” Checkbox*



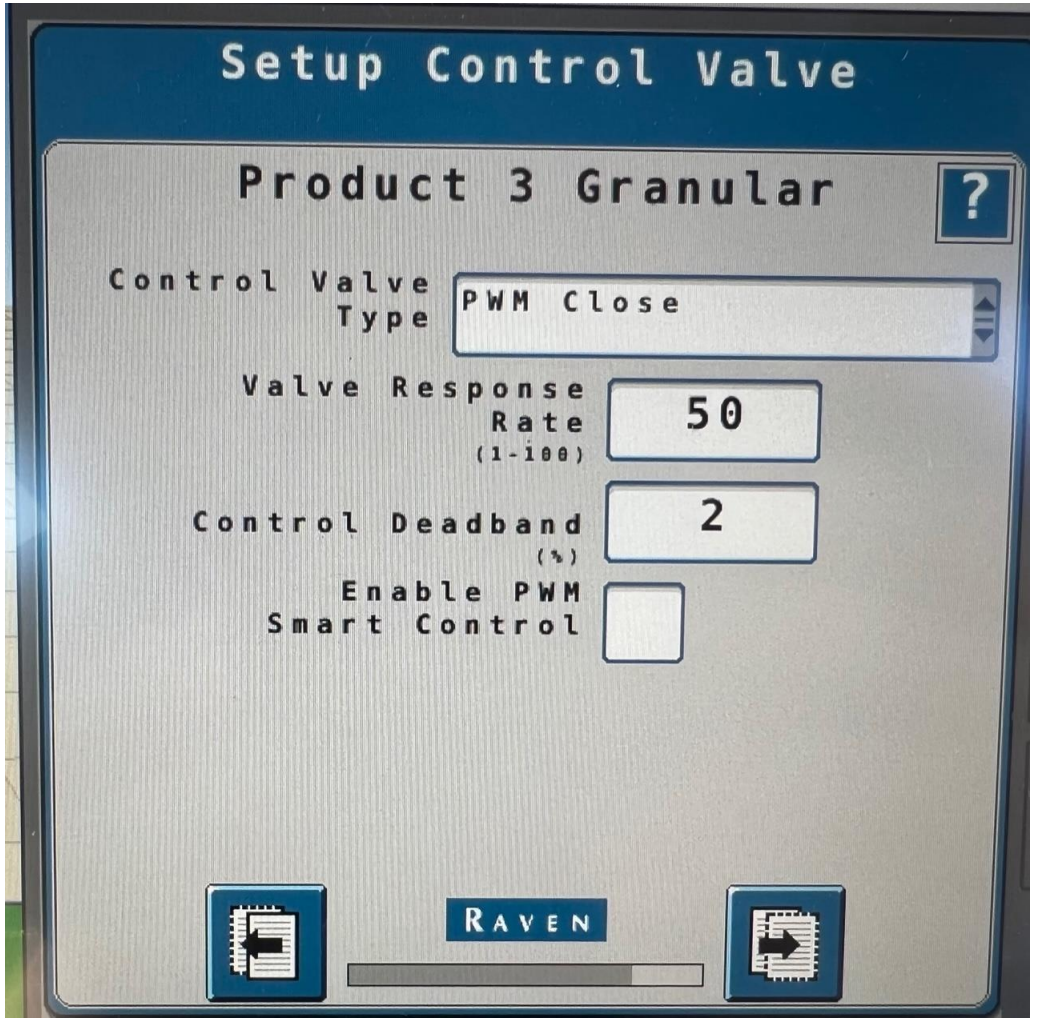
- *Under Setup Rates-Product 2 Granular*
- *Enter Desired Preset Rate Values*
- *Enter “10” for Rate Bump*
- *Select Desired Rate Selection*
- *Select “Display Smoothing” Checkbox*



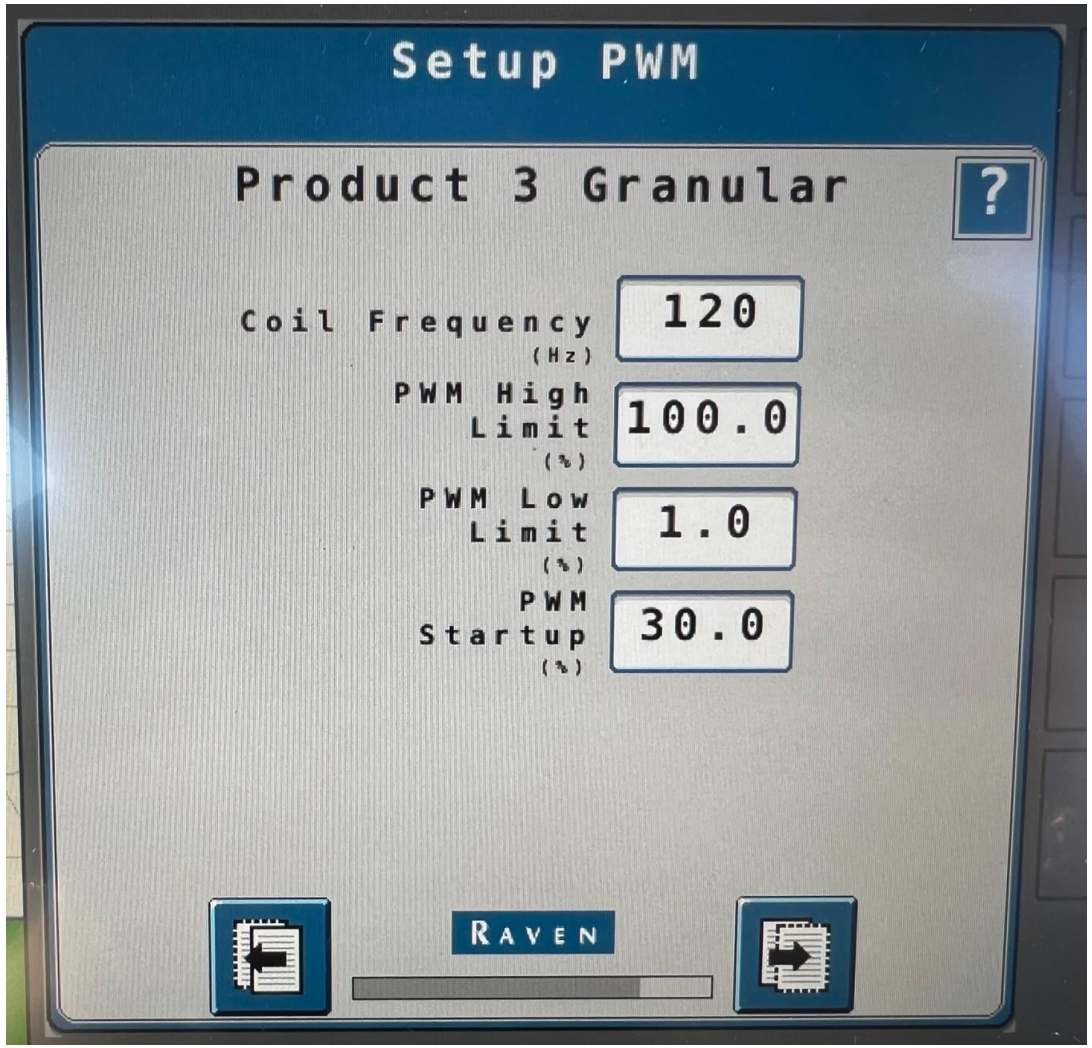
- *Under Setup Alarms-Product 2 Granular enter the desired Off Rate Alarm and Dual Encoder Alarm*
- *Select the "Alarm?" Checkboxes*



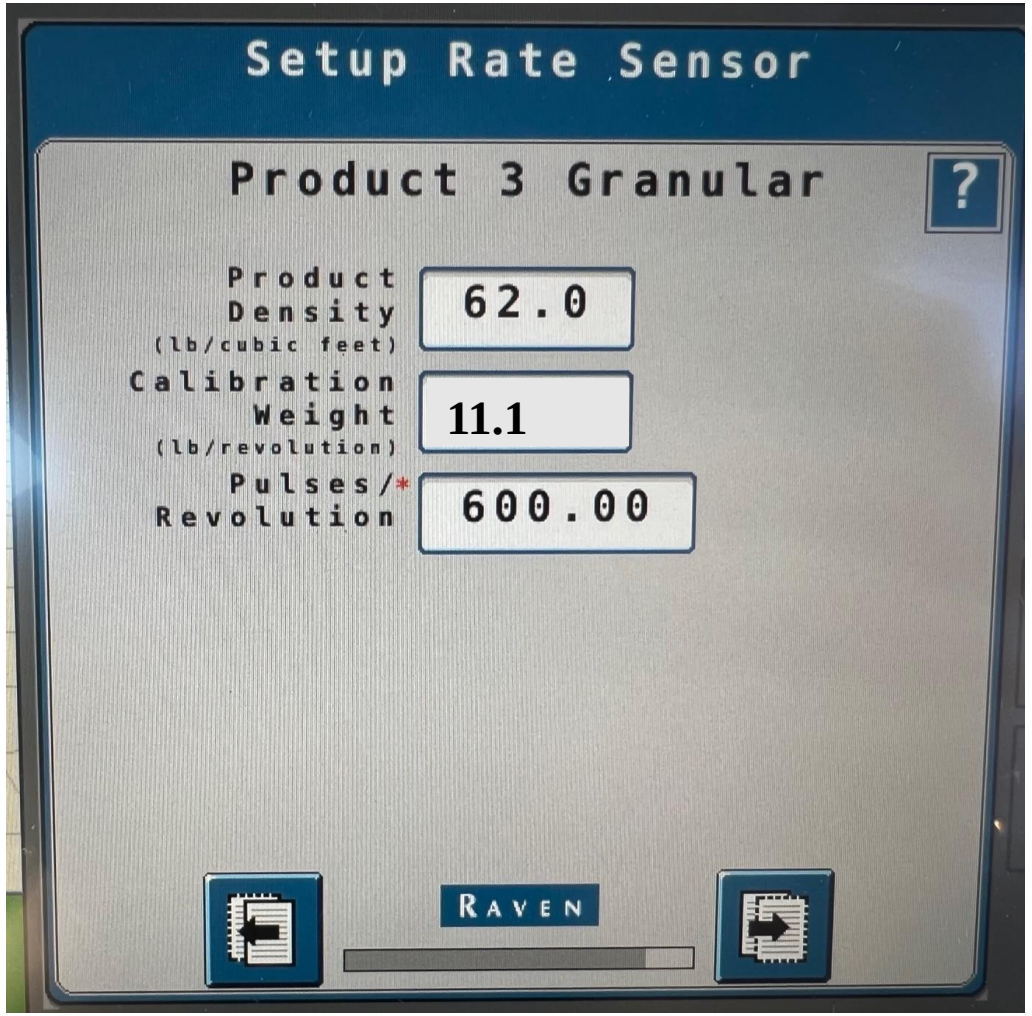
- *Under PWM Setup Valve-Product 3 Granular select “PWM Close” under Control Valve Type*
- *Enter “50” for Valve Response Rate*
- *Enter “2” for Control Deadband*



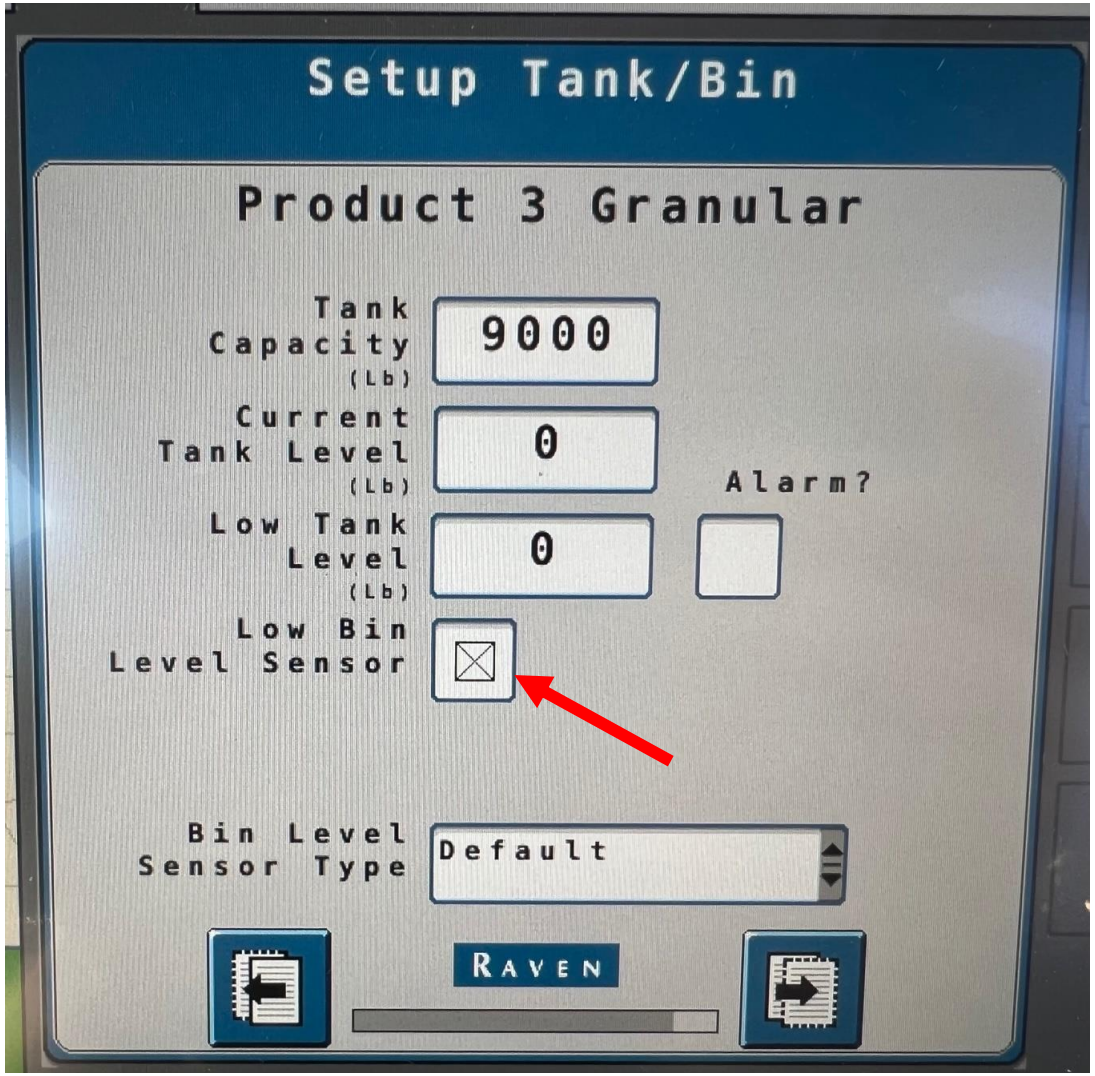
- *Under Setup PWM-Product 3 Granular enter “120” for Coil Frequency*
- *Enter “100” for High Limit*
- *Enter “1” for Low Limit*
- *Enter “30” for PWM Startup*



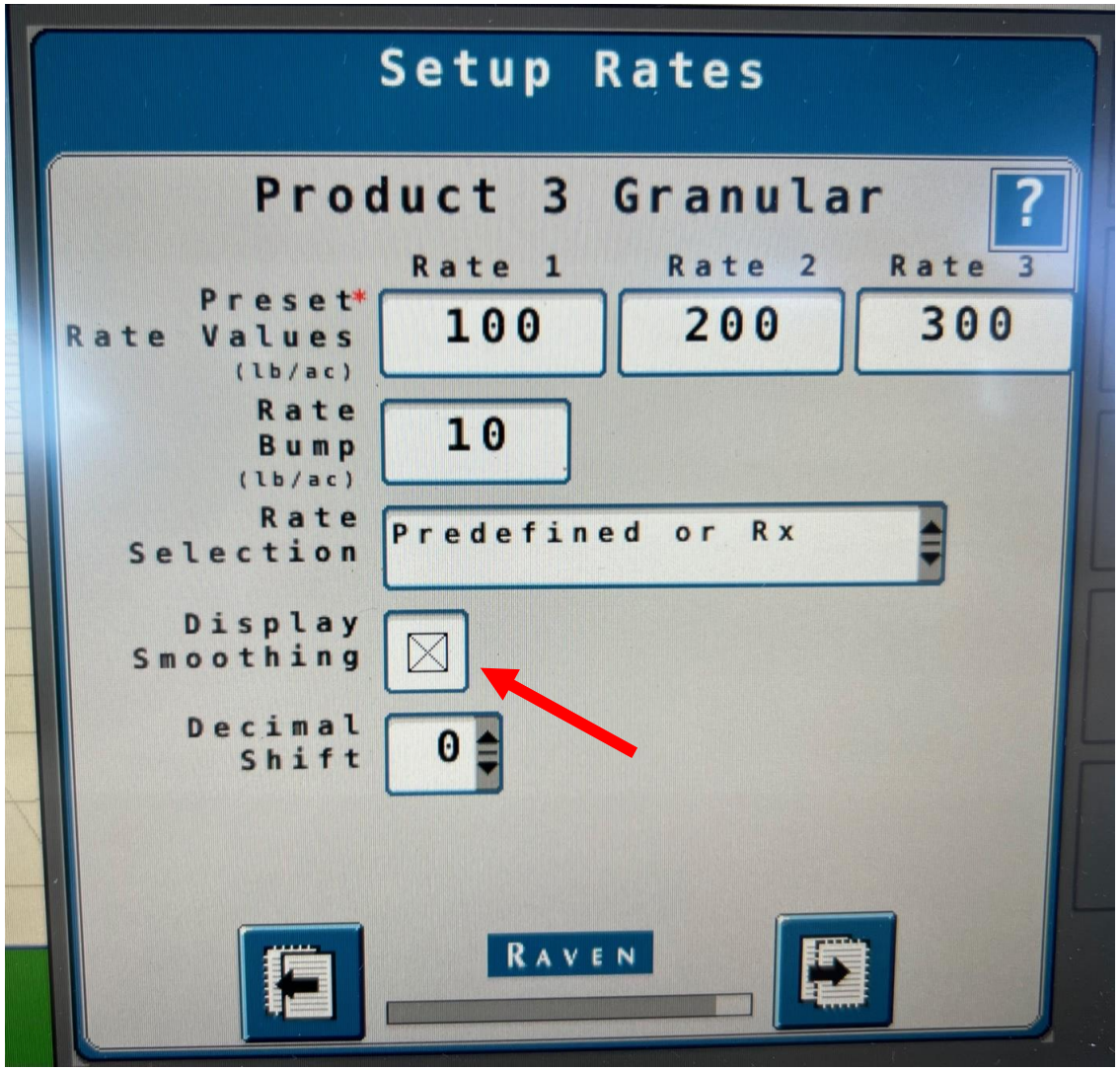
- *Under Setup Rate Sensor-Product 3 Granular*
- *Enter “600” for Pulses/Revolution*
- *Enter Correct Value for Product Density*
- *Enter Calibration Weight*
  - *Calibration Weight=.69375 x # of rows*



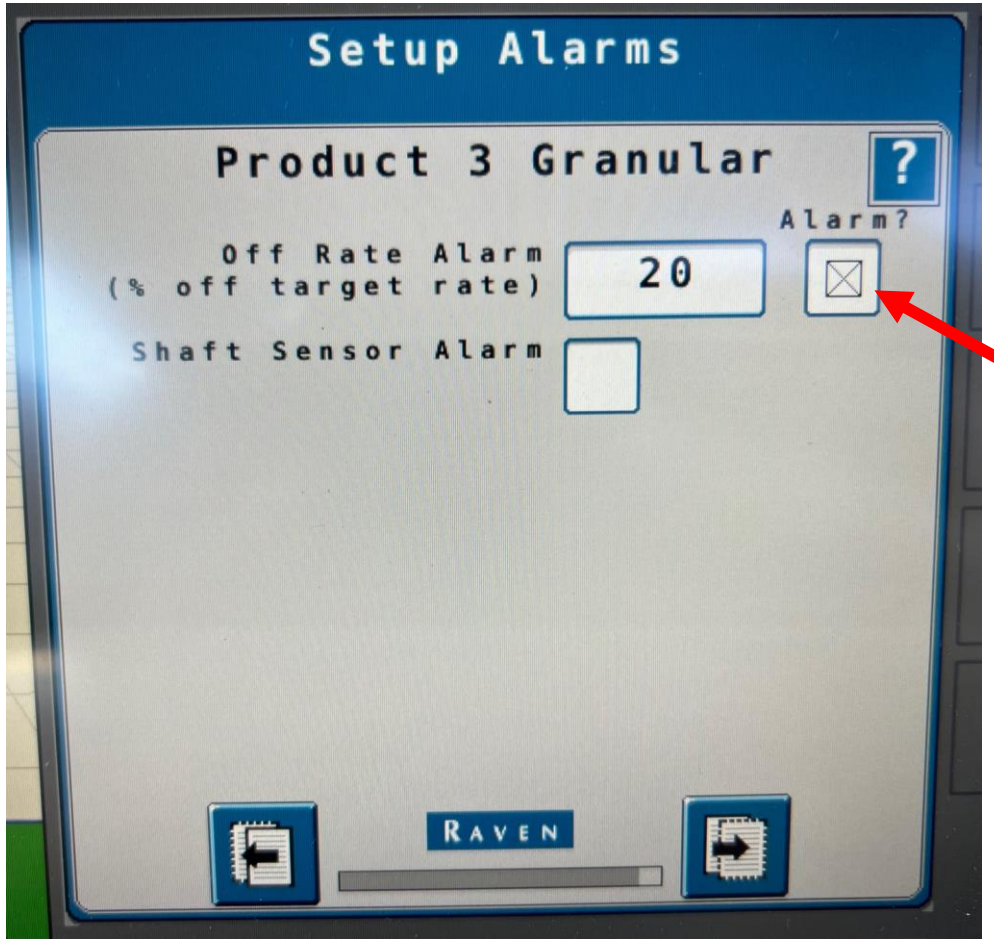
- *Under Setup Tank-Product 3 Granular*
- *Enter “9000” for Tank Capacity*
- *Enter “0” for Low Tank Level*
- *Select “Low Bin Level Sensor” Checkbox*



- *Under Setup Rates-Product 3 Granular*
- *Enter Desired Preset Rate Values*
- *Enter “10” for Rate Bump*
- *Select Desired Rate Selection*
- *Select “Display Smoothing” Checkbox*



- *Under Setup Alarms-Product 3 Granular enter the desired Off Rate Alarm and Dual Encoder Alarm*
- *Select the "Alarm?" Checkbox*



- *Setup is now complete*
- *Select “Accept” to close the Setup Wizard*