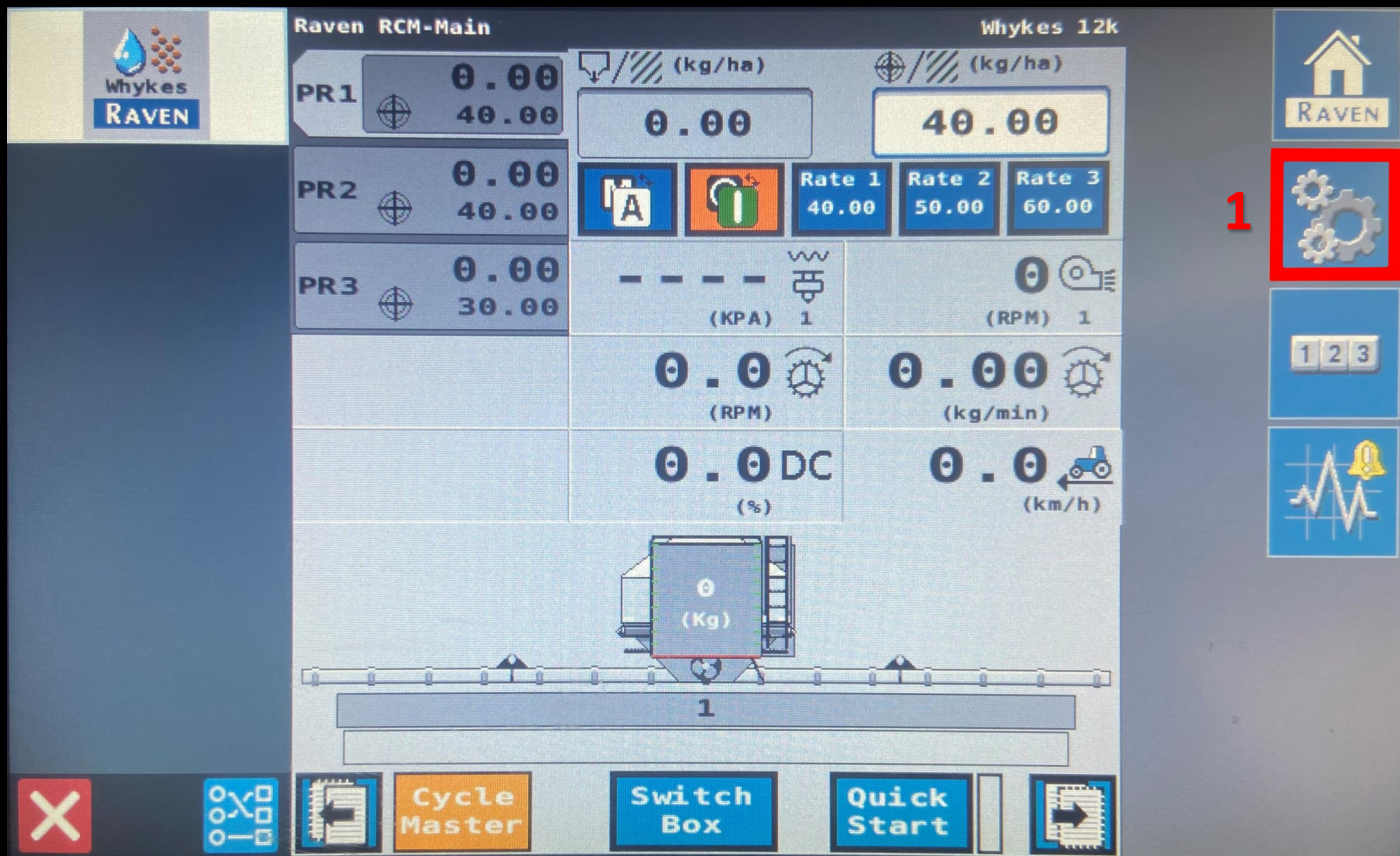




**BOSS AGRICULTURE**



# **RAVEN CALIBRATION GUIDE**



1. From the Home screen, press the Gear icon.



## System Settings

Control  
Valve  
Setup

Rate  
Sensor  
Setup

Tank  
Fill  
Settings

Display  
Setup  
Menu

Pressure  
Sensor  
Setup

Auxiliary  
Functions  
Setup

3

2. Navigate to the system settings tab.
3. Press Rate Sensor Setup.

# Setup Rate Sensor

PR1

Pulses/  
Revolution

PR2

360.00

PR3

?

Product  
Density  
(g/L)

800.0 4

Calibration  
Weight  
kg/revolution

0.546

Catch Test  
Calibration 5

Applied Product  
Calibration

RAVEN

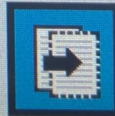


4. Weigh 1 litre of product and enter into product density.
5. Press Catch Test Calibration.

# Calibrate Rate Sensor

Enter the values below. Test time must be between 10 seconds and 10 minutes.

Product Density (g/L)	800.0	
Calibration Weight kg/revolution	0.546	
Test Speed (km/h)	10.0	6
Rate (kg/ha)	40.00	7
Desired Weight (Kg)	12.000	8
Estimated Test Time	00:59	



6. Enter test speed.
7. Enter channel rate.
8. Enter desired test weight.  
(10-15 kg recommended for main bins).

## Calibrate Rate Sensor

Turn Master Switch on.

Press Start to begin test

9

Master  
ON

10

Start

9. Turn master on (foot switch).
10. Press start.

Note: Turn the master switch off to stop application.



# Calibrate Rate Sensor

Enter amount of product applied and accept new calibration value.

Amount Accumulated  
By Rate Controller  
(Kg)

12.045

Actual Amount  
Applied  
(Kg)

12.000

11

Old Calibration  
Weight

0.544

12

New Calibration  
Weight

0.542

Product 1 Granular

- 11. Weigh product and enter weight (actual amount applied). Recommended 2 calibrations (minimum).
- 12. Old calibration and new calibration weight should be very close to each other

