



X20 MONITOR TRAINING

Module 4: Calibration

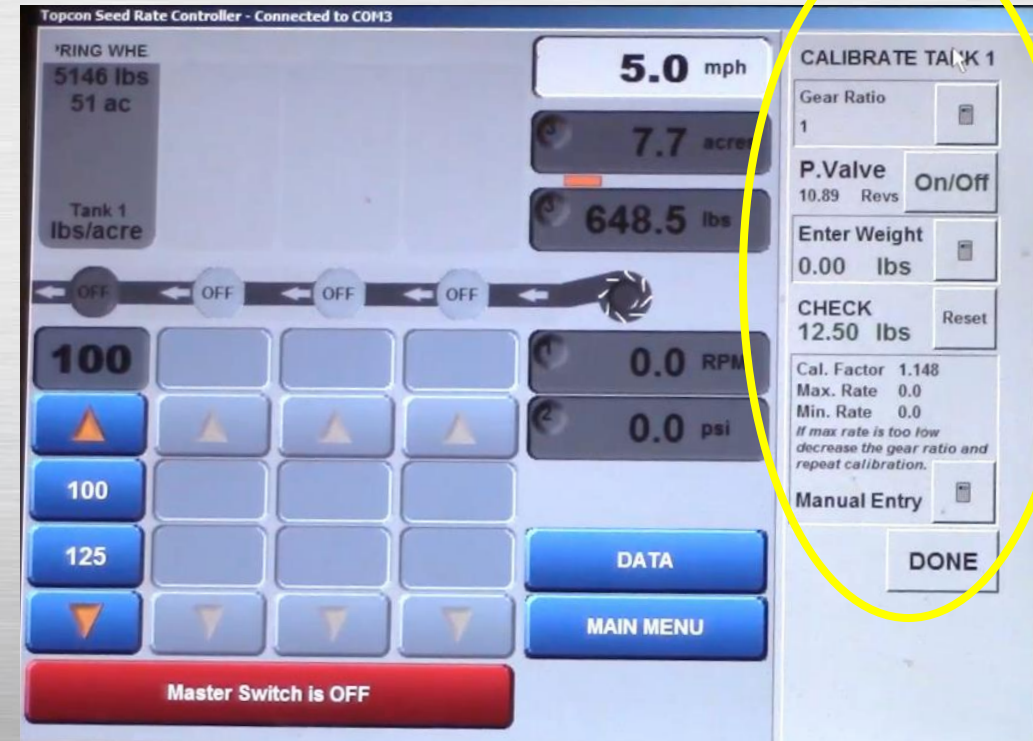
STEP 1

- Once your tanks have been filled, click on the 'Cal.' button located in the top-right corner.
- Note that in this case, tank 1 has been selected, so it appears as 'Cal. 1'
- Make sure that the collector box is prepared to collect the metered product under the cart



STEP 2

- Once selected, the window on the right will change to the calibration operation menu.



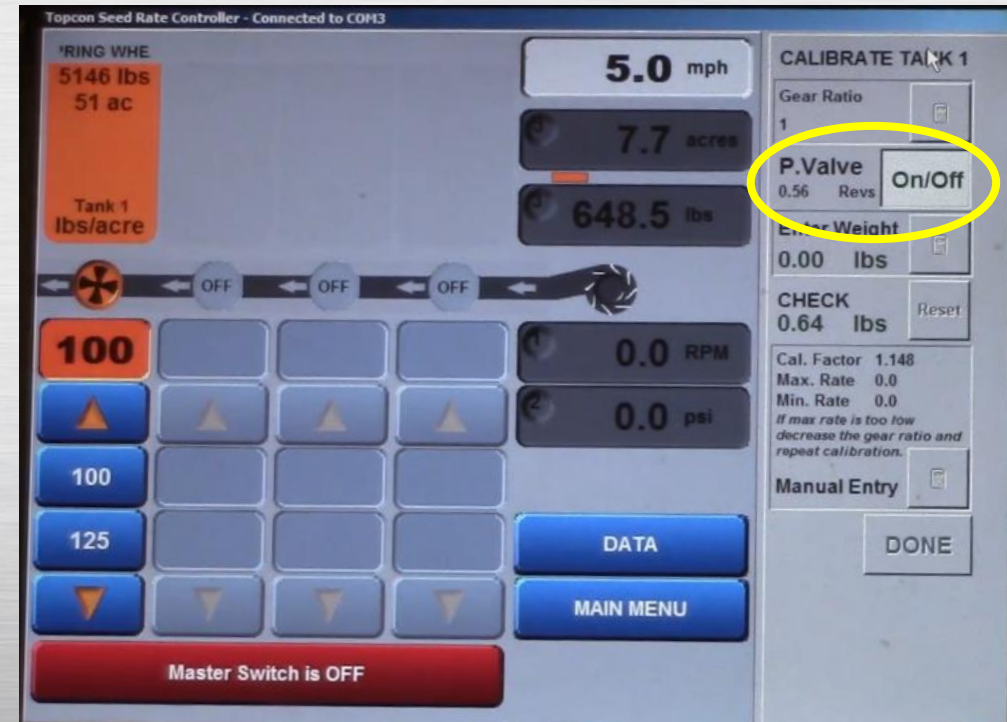
STEP 3

- Check to make sure that there is a manual speed set which displays to the left of the calibration window.
- Also make sure to set the appropriate gear ratio of either:
 - 2 for Direct Drive (wheat, cereals)
 - 16 for Slow Speed Drive (canola, etc.)
- In this case, we have used 2.



STEP 4

- The 'P. Valve' button acts as the on/off switch during calibration.
- Click it to turn it on/off, allowing product to be metered into the collector box.



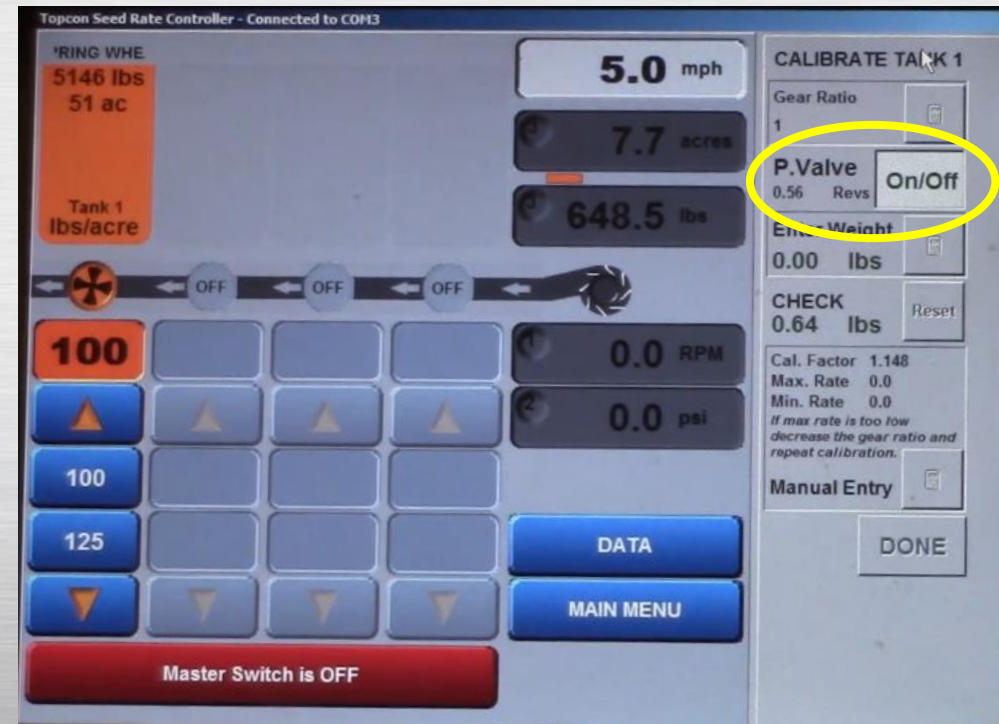
STEP 4 CONTINUED

- For Air Carts equipped with a 'Run-Reset Switch', that is used as the on/off switch located directly on the cart.



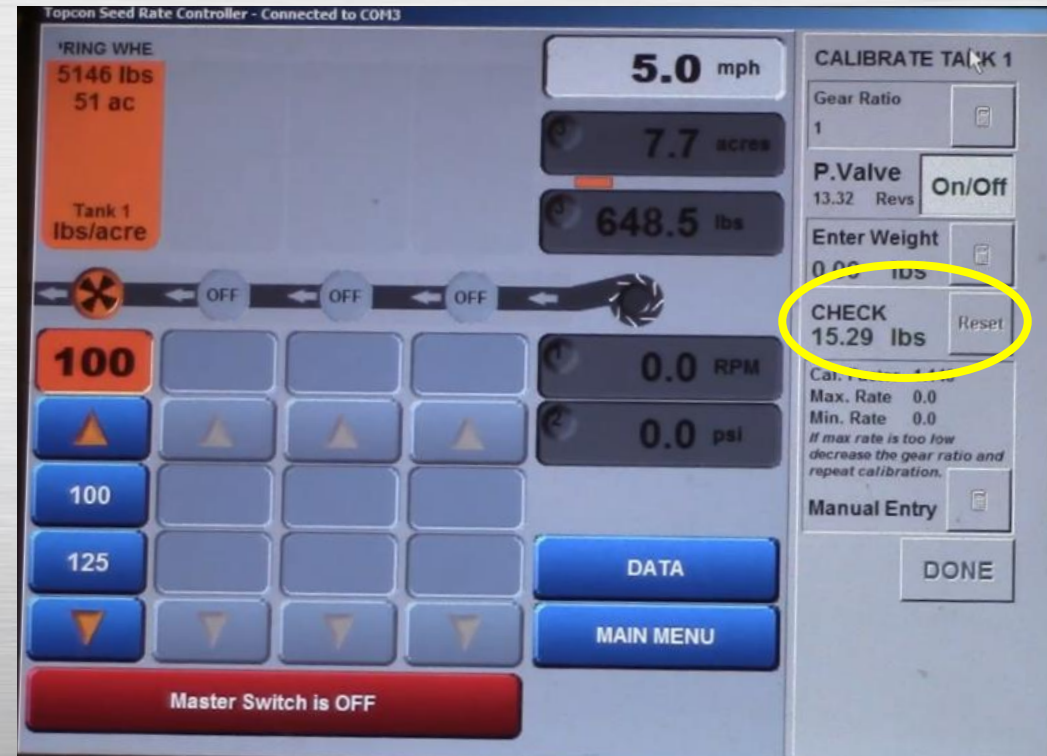
STEP 4 CONTINUED

- It is recommended that you turn the meter on for a short duration in order to prime the meter wheels so that they are full of product for calibration.



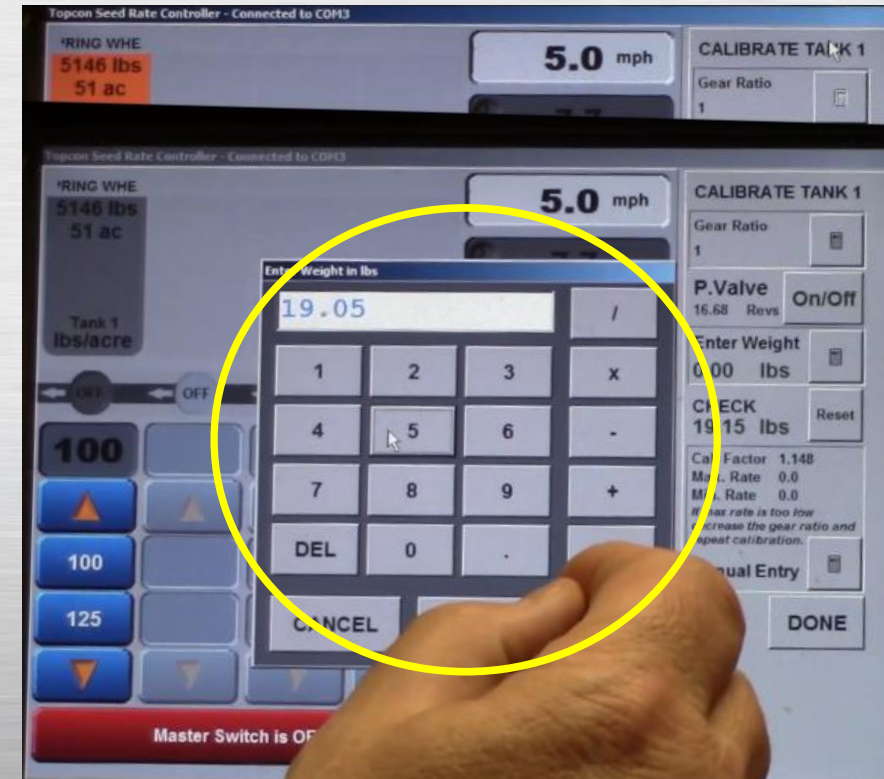
STEP 5

- Watch closely in the 'Check Weight' box as the product is metered in order to get the desired good sample of about 15-17 pounds.
- Then hit the 'P. Valve' or 'Run-Reset Switch off to stop metering



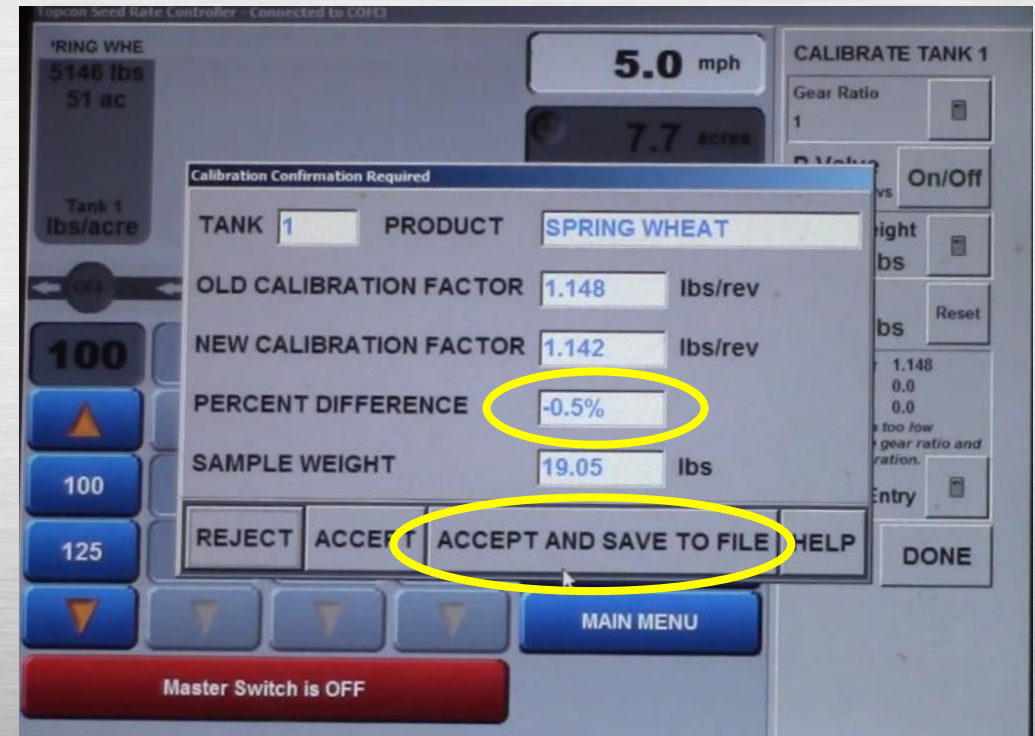
STEP 6

- Measure the actual weight by weighing the amount metered into the collector box
- Enter that weight into the 'Enter Weight' box using the number pad, then click enter.



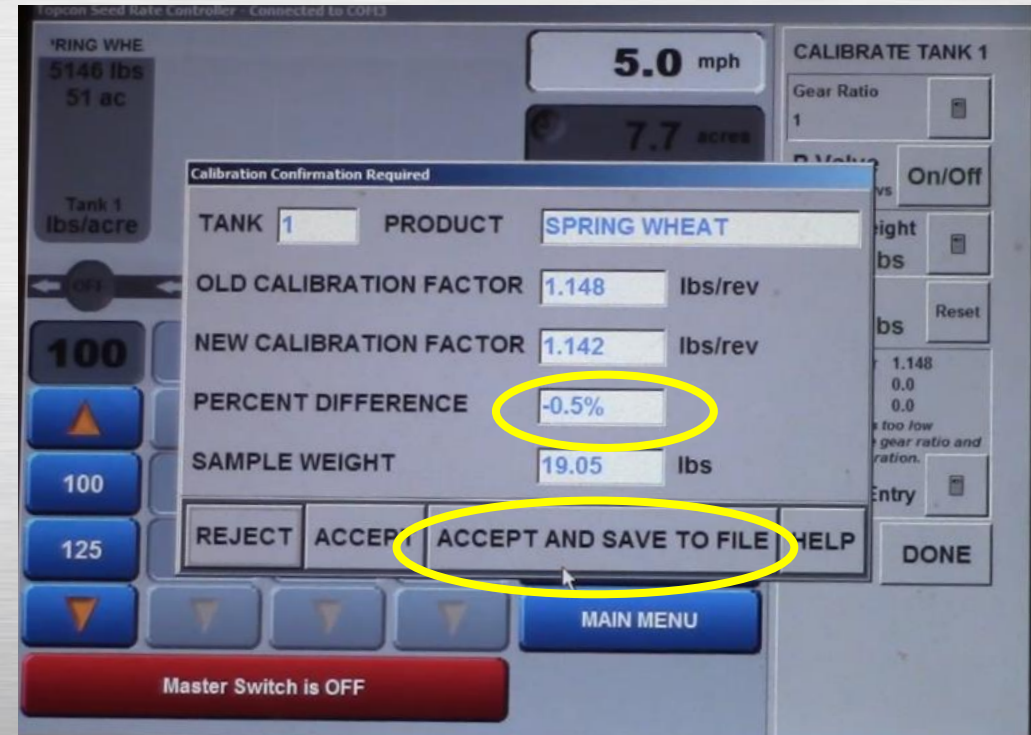
STEP 7

- The monitor will then bring up a window with your calculated 'percent difference'.
- The goal is to be as close to 0 as possible, or what ever your desired percent difference is.
- Continue by clicking 'accept and save to file'.



STEP 8

- It is important to click accept and save to file as this allows the monitor to continue using that cal. factor in order to get a more accurate percentage difference.
- Repeat the process 3-4 times as is necessary to achieve the desired percentage difference.



STEP 9

- Always remember to empty out the collector box back into the tank after each sample is weighed in order to keep an accurate measurement.

