SEEDMASTER CALIBRATION QUICK GUIDE

Use this guide to calibrate SeedMaster granular tanks using the in-cab Raven Viper monitor.
Please refer to your SeedMaster "2013 Operator's Manual" if using a remote display located at your tank.

1. Set up to catch product from one metering section.

2. Prime meter manually. Disengage meter drive with one hand by extending air cylinder and spin the meter with the other hand until the meter is fully primed.

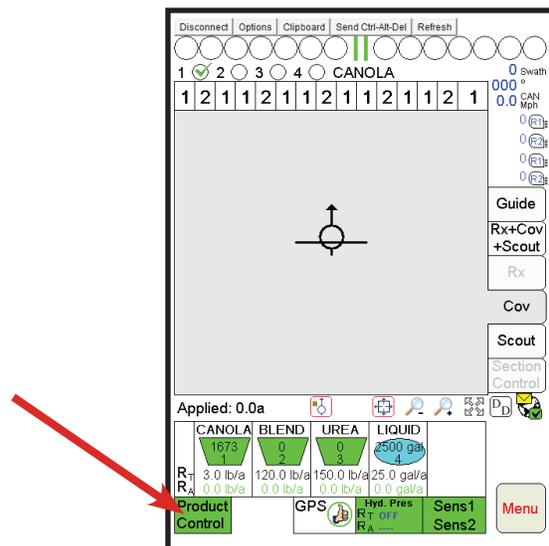**Switch Box Set-up** (attached directly below in-cab Viper monitor)

3. Turn "Master" switch to the **OFF** position.

4. Turn "Sections" switch to the **ON** position for the zone that you are set up to catch product from (If switch activates 2 zones, you must catch from both zones).

5. Turn "Product Control" switch to **AUTO** position for product tank # that you are calibrating.

Tractor Hydraulics

6. Engage tractor hydraulics to green/red remote pair to supply hydraulic pressure to main hydraulic block located on front of toolbar. Set system pressure at 2500-2900psi.

Viper Monitor

7. From the main work screen, press "Product Control".

8. Press within the "Miscellaneous" area.

9. Enter a "Self Test" speed of 5.0.

10. Ensure that "Remote Master" is not checked.

11. Press "OK".

12. Select product tank # that you are calibrating.

13. Press "OK".

14. Press within the "Cal Weight" area.

15. Change the "Cal Weight" number to 0.1 when calibrating canola or similar sized seed. All other seed sizes (wheat, granular fertilizer, peas, etc.) enter a "Cal Weight" number of 2.0.

16. Press "Calibration Assistance".

17. Ignore point #1 on screen

18. Press "Begin Calibration".

19. Ignore point #4 on screen.

20. Ensure no person is near the meters. On the switch box below Viper monitor, turn "Master" switch to the ON position. Allow meters to turn until adequate sample is collected. The more sample collected, the more accurate the calibration.

21. Turn "Master" switch to the **OFF** position when adequate sample is collected.

22. Press "End Calibration".

23. Weigh the product sample caught and subtract the weight of the catch container. Enter this exact weight in pounds on the Viper monitor.

24. Press "Calculate".

25. A new "Cal Weight" # will display on the Viper screen.
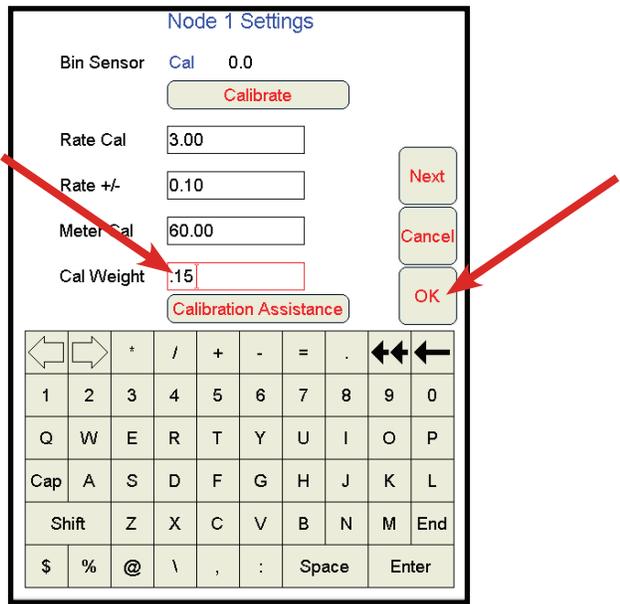
26. Repeat the calibration procedure to ensure a similar "Cal Weight" # is attained. This ensures an accurate calibration.

27. Press "OK"

28. Touch within the "Miscellaneous" area of the screen.

29. Place check mark next to "Remote Master".

30. Press "OK".

You have successfully completed the calibration procedure. Repeat procedure for other granular tanks.