



KIBBLE
EQUIPMENT

COMBINE CALIBRATION GUIDE

70 Series

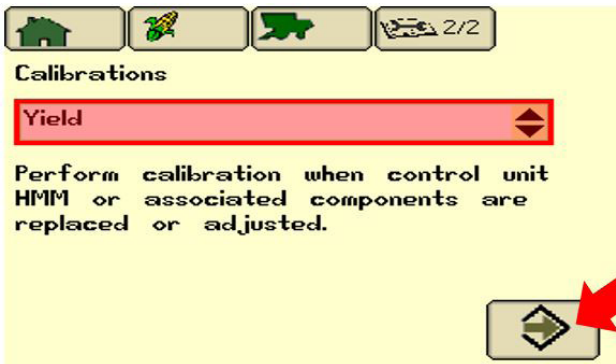


JOHN DEERE

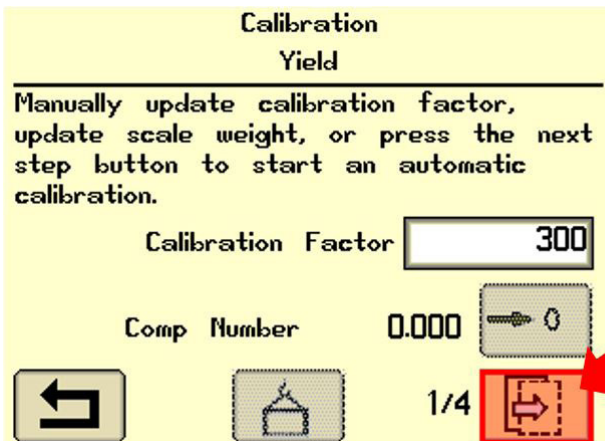
STANDARD CALIBRATION PROCEDURE

The mass flow sensor must be calibrated in order to achieve accurate grain weight measurements. The Standard Calibration procedure must be performed in every crop that is harvested. In addition, the optional Low Flow Calibration procedure may be performed to obtain an improved level of accuracy in situations where there are large variations in grain flow rate.

1. Go to the Diagnostics button, page 2 - Calibrations. Select "Yield" from the menu and press "Enter". Follow the on-screen directions on how to calibrate.

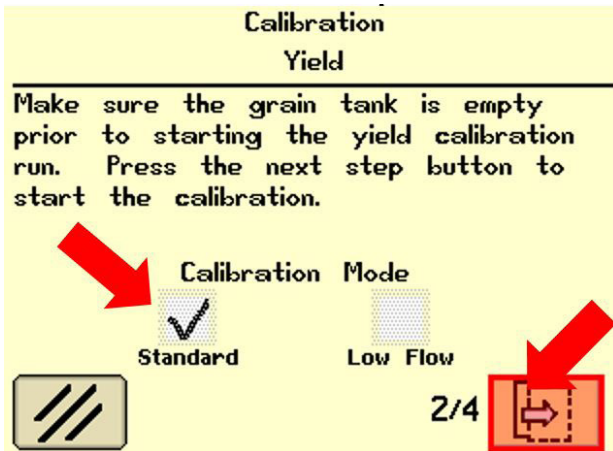


2. Start Calibration



STANDARD CALIBRATION PROCEDURE

3. Operator must perform the standard calibration before the low flow calibration
4. Once the operator is ready to perform the calibration, select the next step button

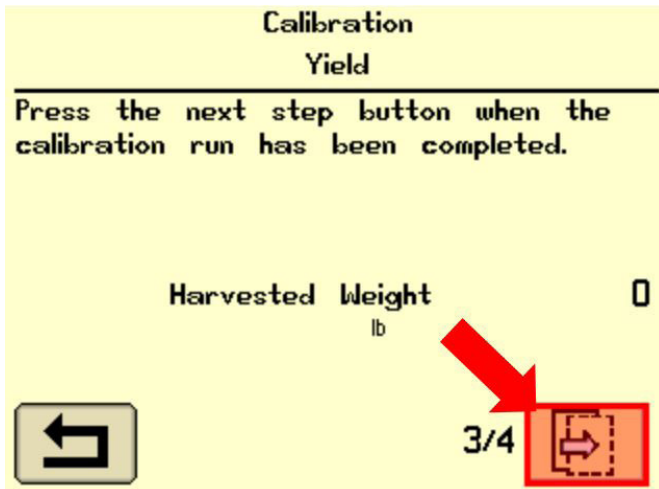


5. The operator will now harvest a sample of crop.
6. If you press the return button, you can get back to the run pages while the calibration is in process.



STANDARD CALIBRATION PROCEDURE

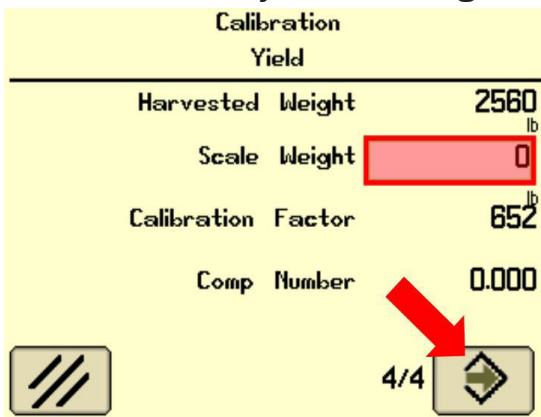
7. Harvest first calibration load.
8. Sample size may vary, but a larger sample will give a more accurate calibration.
9. Most operators will harvest one truck or cart load as their sample.
10. If the sample size is too small, or you harvest with too high or low of a flow rate, you will receive a corresponding error message.
11. Select the next page button once you have harvested your sample.



12. You will now use a scale and determine the actual weight of the harvested sample.

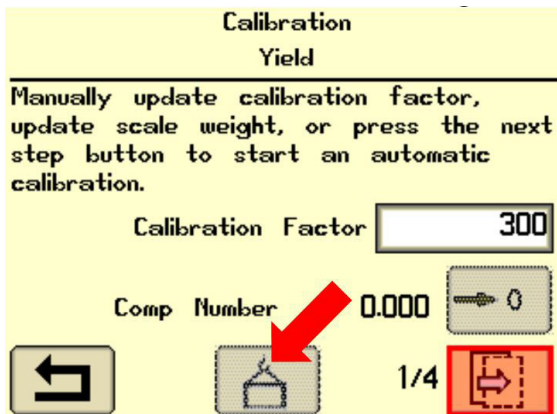
STANDARD CALIBRATION PROCEDURE

13. While you wait for the actual weight of your sample, you can keep this screen or simply press the enter button, continue harvesting, and then come back later and enter your scale weight.



14. For this example we will assume the operator pressed enter to get back to the run pages and continued to harvest

15. When you know the sample weight, go back into your calibration and then select the weight icon



STANDARD CALIBRATION PROCEDURE



16. Enter the actual scale weight of the sample harvested.

**Calibration
Yield**

Standard **Low Flow**

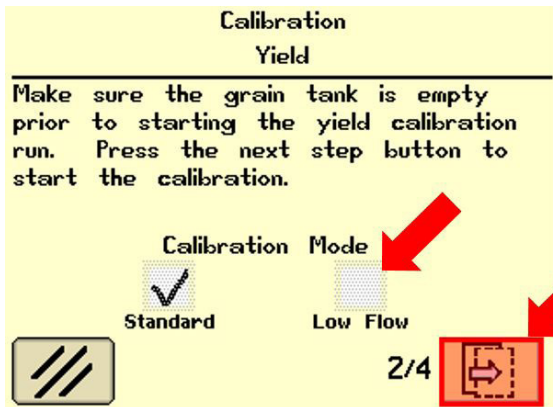
Harvested Weight 0 lb

Scale Weight lb

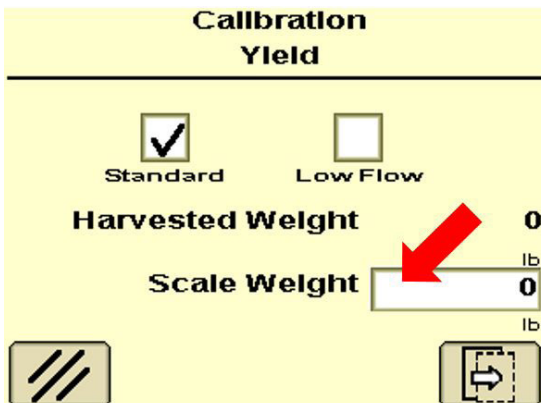
 

LOW FLOW CALIBRATION PROCEDURE

1. Once you have completed the Standard Calibration you should follow the same steps and complete the low flow calibration.
2. The procedure should be performed at approximately one-half to two-thirds of the ground speed at which the Standard Calibration procedure for this crop was run and in an area that is reasonably level and uniform in yield.



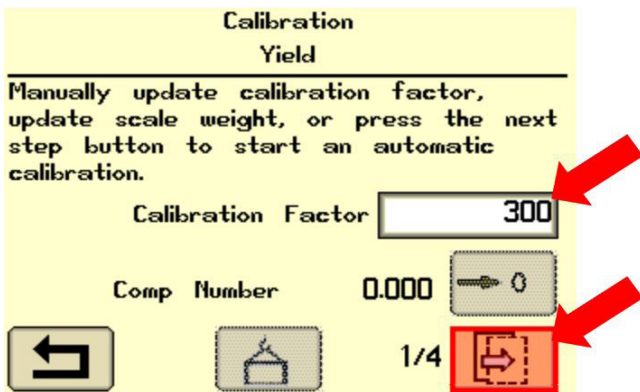
3. Enter the actual scale weight of the low flow sample.



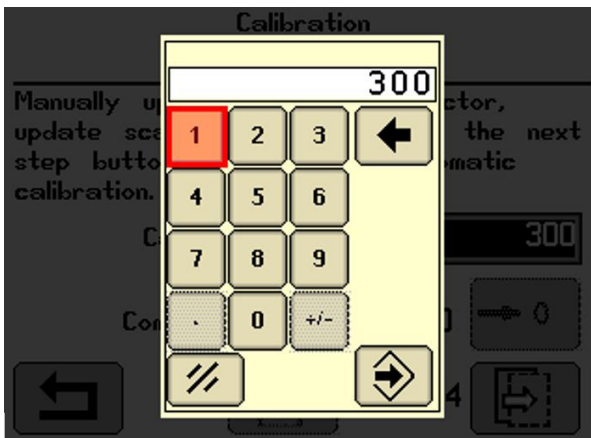
LOW FLOW CALIBRATION PROCEDURE

4. You can manually change your calibration factor to fine tune your yield readings.
5. The Comp number will remain 0 until you perform the low flow calibration.

Note: Improvements to 70 series software have made it unnecessary to change the Comp Number. You can zero this number.



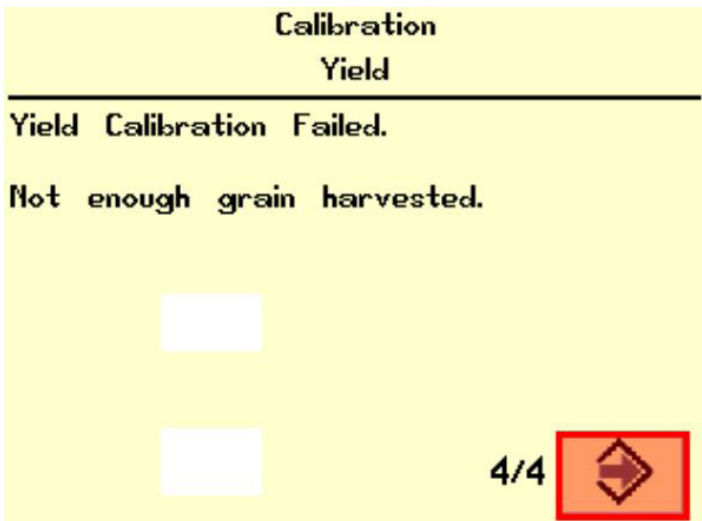
6. Manually changing the calibration factor will let you revert to a previous calibration or fine tune your current calibration.



LOW FLOW CALIBRATION PROCEDURE

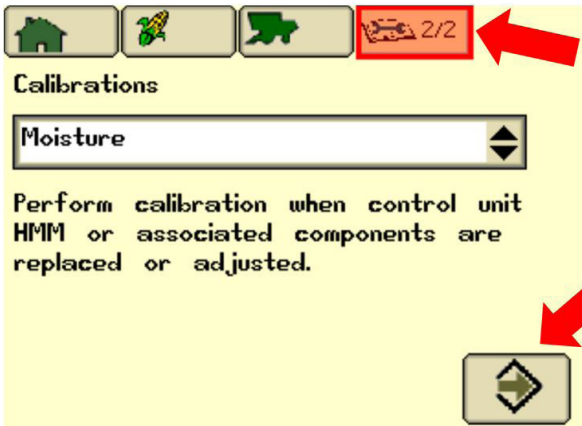
Possible Errors:

- “Yield calibration failed. Flow rate too low.”
- “Yield calibration failed. Not enough grain harvested.”
- “Yield calibration failed. Flow rate too high.”

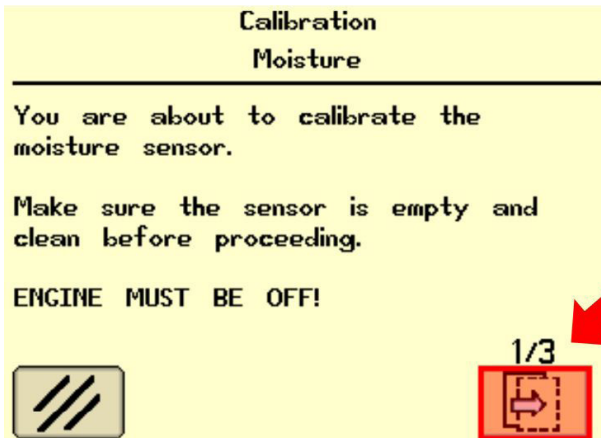


MOISTURE CALIBRATION PROCEDURE

1. Moisture Calibration is located in the user calibrations section.
2. Follow the steps to perform the calibration.
3. Highlight the Arrow and press the confirm switch on the armrest.

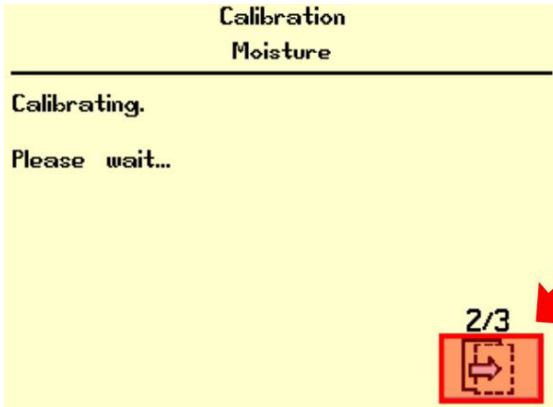


4. Verify that the engine is off and the grain tank is empty.
5. Highlight the “Next Page” Icon and press the confirm switch on the Armrest.

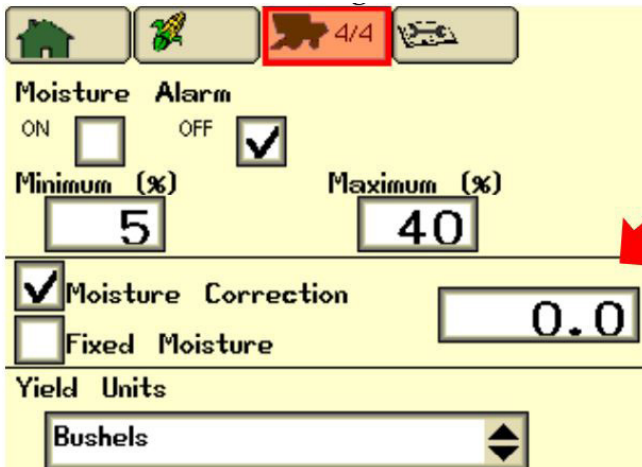


MOISTURE CALIBRATION PROCEDURE

6. You should hear the moisture sensor retract the plunger and then extend. The page will automatically change on it's own once complete.



7. Once complete, Press the confirm switch on the armrest to accept the calibration.
8. If the moisture is not matching that of the elevator, you can adjust the moisture correction value (up or down) to match that of the grain elevator.



NEED ASSISTANCE? CONTACT US!

Belle Plaine, MN	952-873-2224
Bird Island, MN	320-365-3445
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Garretson, SD	605-594-3476
Hollandale, MN	507-889-4221
Huron, SD	605-352-8519
Madison, SD	605-256-4575
Mankato, MN	507-387-8201
Marshall, MN	507-537-1523
Milbank, SD	605-432-5523
Minnesota Lake, MN	507-462-3828
Montevideo, MN	320-269-6466
Northwood, IA	641-324-1154
Osage, IA	641-732-3719
Owatonna, MN	507-451-4054
Redwood Falls, MN	507-644-3571
Sleepy Eye, MN	507-794-5381
Tyler, MN	507-247-5572
Wabasso, MN	507-342-5171
Watertown, SD	605-886-3545
Wheaton, MN	320-563-8112