

# HarvestMaster Product Notice

<b>Title:</b>	EM2/EM3 Moisture
<b>Date:</b>	22 July 2025
<b>Bulletin Number:</b>	33062-00
<b>Affected Product:</b>	Any HarvestMaster GrainGage that uses an EM2 or EM3 Moisture Sensor



HarvestMaster has received an increased number of moisture-related inquiries about the EM2 and EM3 Moisture Sensors. If your moisture readings deviate from expected values, try these troubleshooting steps.

**⚠ CAUTION:** Before reaching into the GrainGage, turn off the GrainGage air supply for operator safety.

## Troubleshooting Steps to Improve Moisture Readings

- Perform a proper moisture calibration using high-quality samples and reference data.
- Ensure you are meeting the minimum weight threshold.
- Inspect and clean the moisture blade. It should be clean and straight.
- Ensure the moisture blade and sensor mounting screws are secure.
- Check the sensor information in Mirus.
  1. Open Mirus and select **Diagnostics > Sensor Info**.
  2. Watch the moisture reading then touch the blade. A change in the reading should occur while in contact with the blade and return to the original value after contact.
  3. Ensure moisture probe temperature is within 10°F of the ambient air temperature. If the probe temperature is outside the acceptable range, contact HarvestMaster for support.
  4. Ensure supply voltage is between 12–14 V.

- The following scenarios may indicate a hardware issue. If either occurs, contact HarvestMaster and have backup logs ready for review.
  - Unexpected moisture fluctuations during calibration, especially when cycling the same sample multiple times but the moisture predictions consistency doesn't meet expectations.
  - Unexpected moisture fluctuations between plots during harvest. For example, readings are between 8–10% across several plots, and then unexpectedly drop to 4% in the following plot. *Note: These values are examples. Rely on normal values for your field.*

For more information on completing these tasks, refer to the Mirus user manuals at <https://harvestmaster.com/support/article/14823>. Contact HarvestMaster for additional assistance.

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