

Pre-Harvest Checklist

INTEGRA™ and EDGE™ Display Preparation

- ▶ Create a backup of your spring information. Go to Setup/Console menu to create a backup.
 - **EDGE** – Press “Copy All Files” to save the spring data to the memory card.
 - **INTEGRA** – Press “Export Data Files” to save the spring data to the USB drive.
- ▶ Make sure your display firmware, manual and all connected modules are up-to-date. Firmware and manual updates can be found on our website under **Customer Support – Downloads – Ag Leader Display Firmware**.
- ▶ If you have purchased a new combine or new heads, create new configurations for any setup that is different from last fall. Remove all old configurations.



Vehicle Inspection

- ▶ Check to make sure all cables are properly attached and in good condition.
- ▶ Remove flow sensor and inspect for damage.
- ▶ Check the elevator deflector and impact plate for wear. It is important to ensure the deflector plate is smooth to ensure an accurate calibration. Verify you have the proper clearance at the top of the clean grain elevator. Clearance should be between 3/8” and 5/8” (most combines).

Sensor Calibrations

*For step-by-step instructions on how to do these calibrations, consult the Grain Harvest section of the display manual.

Calibrate stop height. This will set the height when the display stops recording area as the header is raised at the end of the pass. Stop height calibration is required for each grain type.

Run a distance calibration. This will calibrate the ground speed sensor connected to the display. Note: If you are using GPS speed as the primary speed sensor, you will still need to calibrate the backup sensor.

Calibrate temperature. This will set the temperature offset to help provide a correct moisture reading. This calibration should only be performed once a season.

Run a vibration calibration. The vibration calibration is used to compensate for the amount of force that is being measured by the flow sensor with no grain flow. This calibration must be done for each crop type with appropriate header attached.

Calibrate moisture. This will set the moisture offset to help provide accurate moisture and yield readings. Moisture calibration is required for each grain type.

Calibrate grain weight. If done correctly, this will provide accurate yield readings across all flow ranges. Calibration is required each year and for each grain type. To achieve the most accurate calibration you will need to harvest 4-6 loads with 3000-6000 pound regions; each region needs to harvest at different speeds. Running at different speeds will simulate the different flow rates the flow sensor may see while harvesting.

Pre-Harvest SMS Checklist

1. Read this year's planting data and other previously unread data into your SMS desktop software by going to **File – Read Files** and verify that all data is showing up properly in the Management Tree.
2. Clear the data from the card/USB stick.
3. Create a backup copy of your SMS data by going to **Services – Backup**.
4. Update to the latest version of the SMS software (current version is 11.0).
 - a. If you have SMS Version 10.0 or higher and have unlocked online in the past, go to your SMS software and click **Help – Check for Updates**.
 - b. Updates can also be found by going to our website (www.agleader.com) or getting a CD (email SMSunlocks@agleader.com or call 515-232-5363).
5. Create all necessary new Grower, Farm, Field, and Product Names, as well as Boundaries, Prescriptions, Crop Plans, and Guidance Lines.
6. To set up your display for yield monitoring, use Device Setup Utility (under the Tools Menu) to export all of your Grower, Farm, Field, and Product Names, and/or Guidance Lines to your card/USB stick.
 - a. For fall fertilizer application, you can also export Prescriptions and Crop Plans.

Take your card/USB stick to your display and follow your user manual for the appropriate steps to load them into your display.