

# GAC 2500-UGMA

Presentation for FGIS Moisture Meters Seminar

June 25, 2015

Northern Crops Institute

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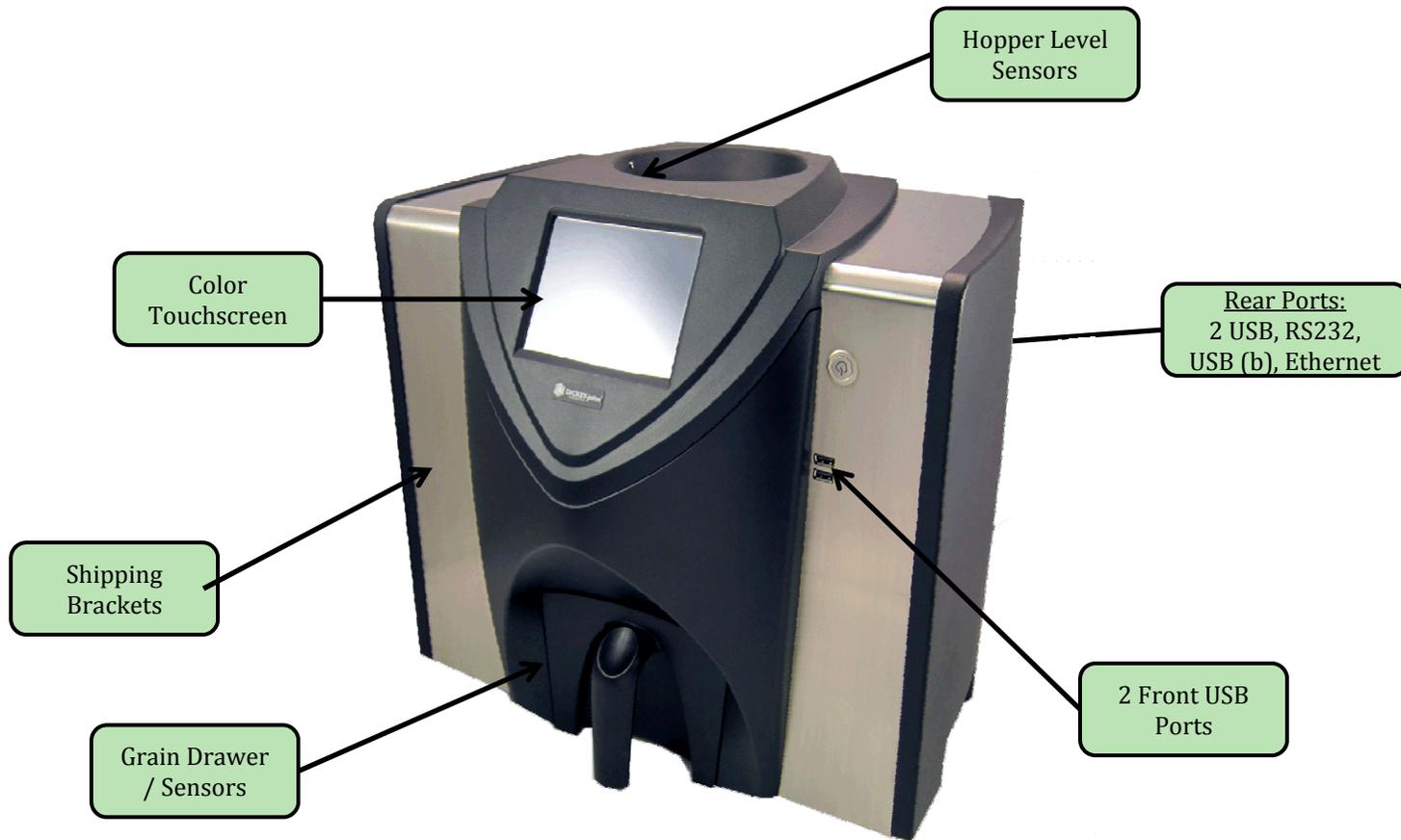


# Agenda

- + GAC 2500-UGMA: Instrument Overview
- + Operation
- + Maintenance
- + Service & Support
- + Questions / Comments



# GAC 2500-UGMA



UGMA: The Next Generation of  
Grain Moisture Testers



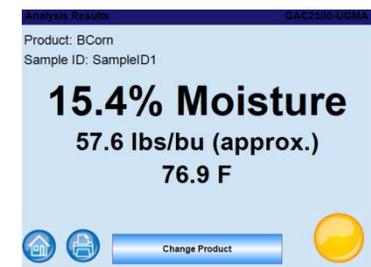
# Operation

## + UI Design Focus: Ease of use

- Minimize errors from part-time, seasonal workers
- 3 button pushes from Home screen until moisture measurement
- Quick-connect (shortcut) buttons

## + Configurable to individual facilities

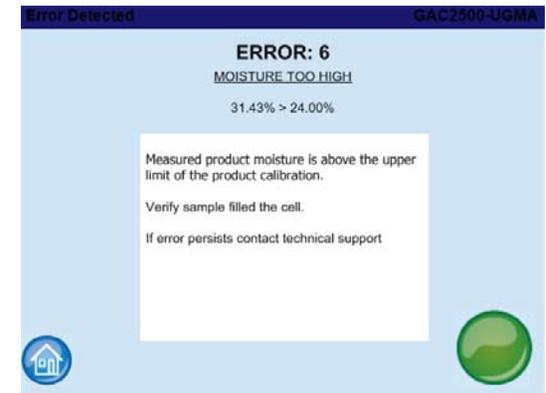
- Operation options
  - Automatic test
  - Pass-thru drawer
- Communication
  - Scale systems
  - Data retrieval
- Security (passwords)



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# Error Messages

- + Displayed when an abnormal event occurs
  - Sample insufficient to fill measuring cell
  - Moisture too high or too low
  - Grain temperature beyond calibration limit
- + If error message appears:
  - Follow message instructions
  - Refer to operator's manual
  - Acknowledge by pressing the **Initiate** button
- + Complete list of messages can be found in the Operator's manual
- + Persistent issues: Contact your local Authorized Service Center



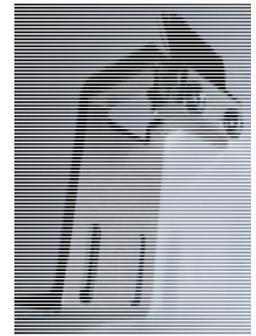
# Maintenance

- + UGMA meters employ high precision sub-systems to arrive at most accurate grain moisture measurement
  - Machined measuring cell (consistent mass)
  - Precise load cell (accurate weight)
  - IR temperature sensor (instant & accurate temperature)
- + Regular maintenance is **REQUIRED**
  - Ensure up-to-date calibrations
  - Remove dust & debris
  - Clean sensors
- + Operator's are responsible for determining frequency that is suitable for their application
  - Consult operator's manual for more information



# Temperature Sensor

- + GAC 2500-UGMA shipped after Sept, 2014 are equipped with the new self-cleaning sensor
  - Serial number 4000+
- + Retrofit process was instituted to update units in the field
  - 95% of units in FGIS official system have been retrofitted
  - Many units in tri-state area have also been retrofitted
- + The retrofit process is also open for farmers that purchased GAC 2500-AGRI
- + Retrofit process will continue into 2016

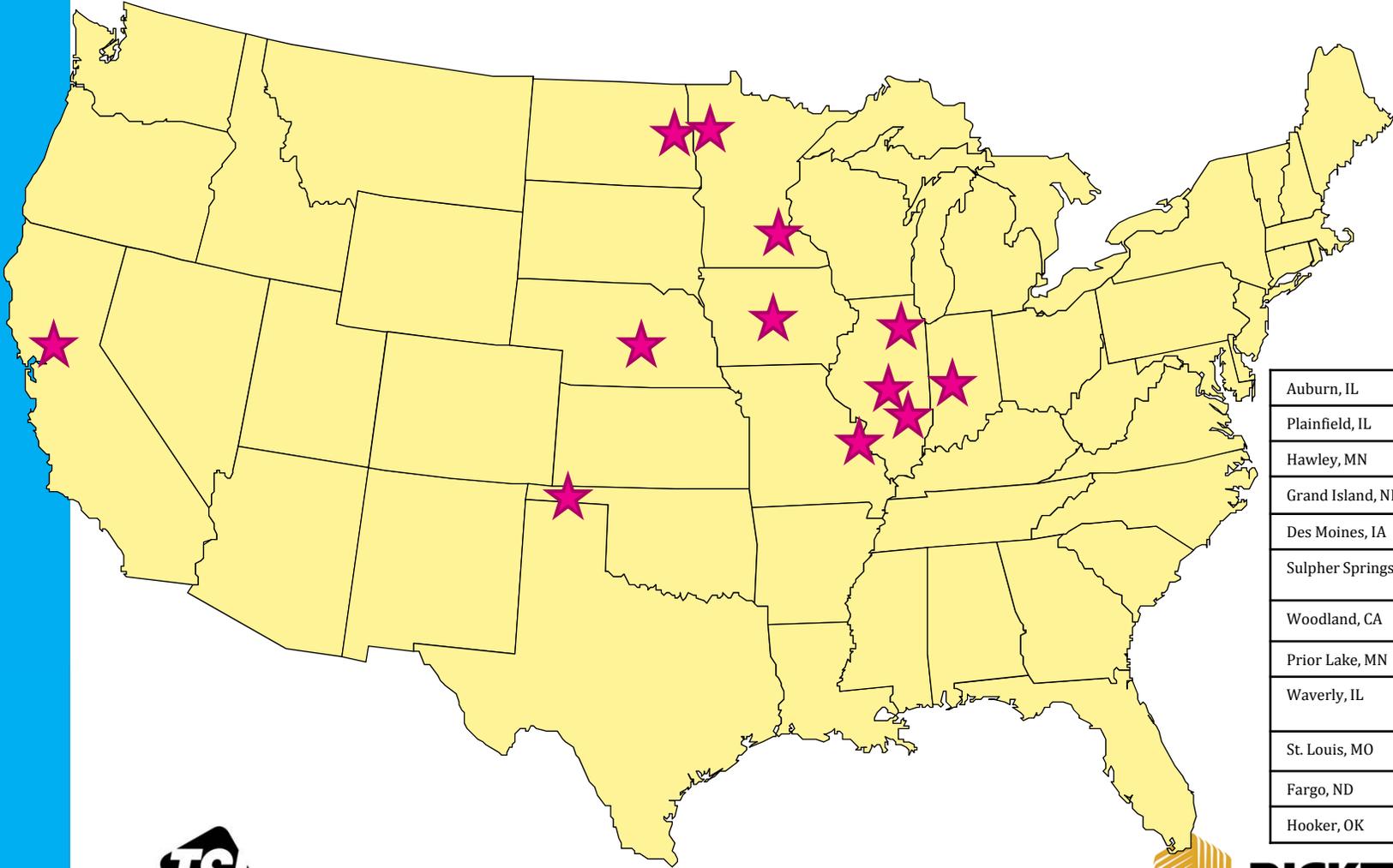


# Service & Support

- + DICKY-john employs a vast service & support network
  - 12 Authorized Service Centers (“ASC’s”) in the United States
  - All ASC’s have loaners available to keep you up and running
- + ASC’s function: Ensure your moisture meters are performing as expected
  - Annual calibration updates
  - Factory clean & re-normalize
  - Performance check testing
- + Three ASC’s located in the tri-state area:
  - T&W Agri Service – Fargo, ND
  - UAS Service Corp – Hawley, ND
  - Corn Belt Testing – Prior Lake, MN



# Dj Support Network



Auburn, IL	DICKEY-john
Plainfield, IL	Ag Point Precision
Hawley, MN	UAS Services
Grand Island, NE	Ag Express
Des Moines, IA	Ag Express
Sulphur Springs, IN	Ag Express
Woodland, CA	Calibration Plus
Prior Lake, MN	Corn Belt Testing
Waverly, IL	Grain Moisture Traceability
St. Louis, MO	Precision Scale
Fargo, ND	T&W Agri Service
Hooker, OK	Tucker Testing



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# GAC 2500-UGMA

- + We would like to thank GIPSA for the opportunity to present today
- + Thanks for your continued trust in DICKEY-john

