United States Department of Agriculture
Agricultural Marketing Service
Federal Grain Inspection Service

Calibration Update

August 1, 2023

Explanatory Notes for August 1, 2023 Official Moisture Calibration Updates

Small changes in “loading factors” were made to optimize agreement between UGMA-Compatible units and the UGMA Master system.

Refer to UGMA-Performance_August2023.pdf for the performance of the UGMA Master system to the Air Oven reference method for all grain groups prior to the 2023 harvest.

For grain groups with calibration updates, the following pages show the moisture changes resulting from applying the new loading factors to the 2022 crop data.

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2. Effects of GAC2500-UGMA Calibration Changes (New minus Old) 2

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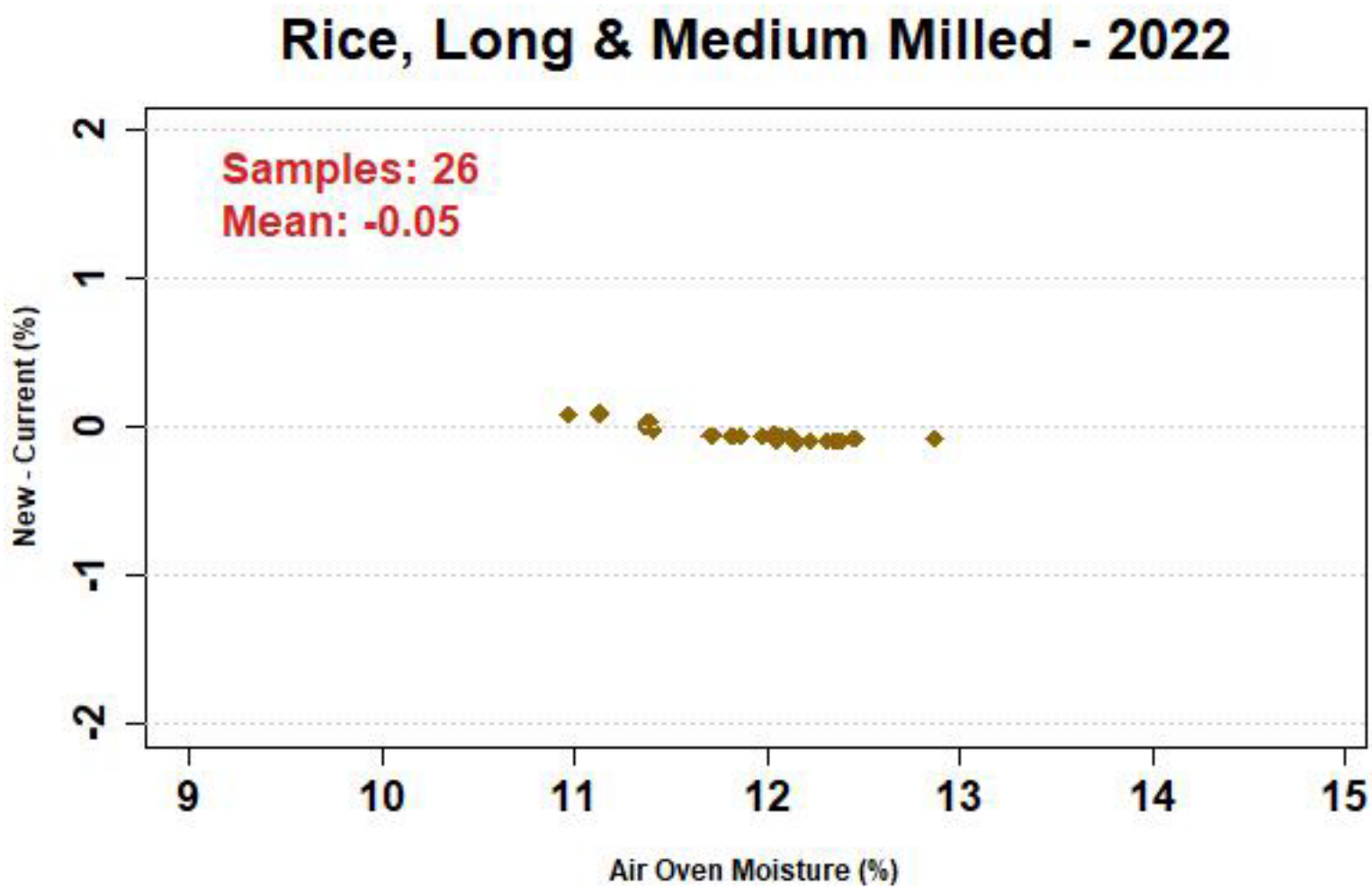
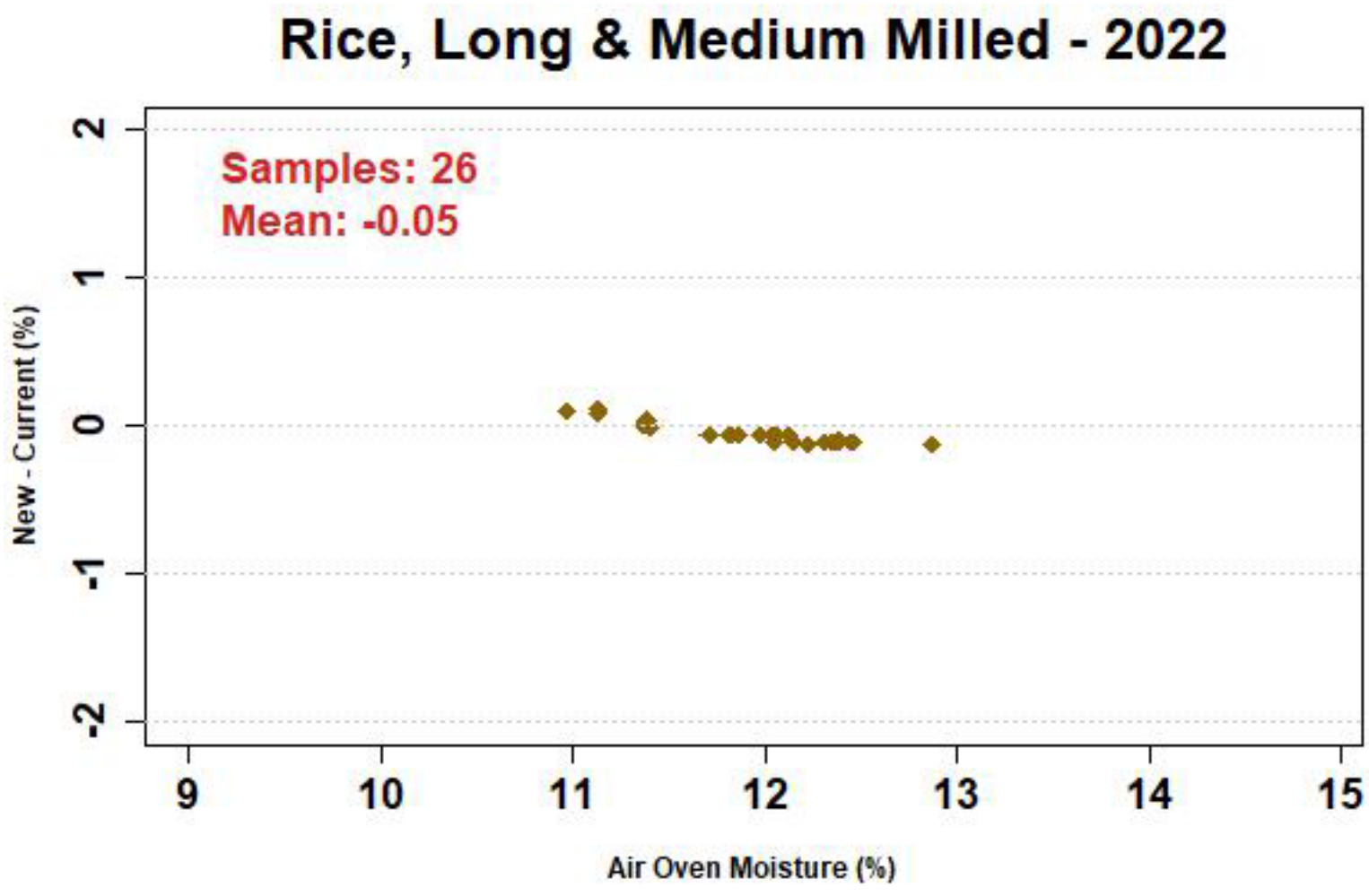
1. **Official moisture calibration changes effective August 1, 2023**

   This list only includes those changes that affect moisture results.

   - **DICKEY-john GAC2500-UGMA**
     - Long & Medium Grain Milled Rice
   - **Perten AM5200-A**
     - Long & Medium Grain Milled Rice

2. **Effects of GAC2500-UGMA Calibration Changes (New minus Old)**



3. Effects of AM5200-A Calibration Changes (New minus Old)