

# UGMA Moisture Meter Performance

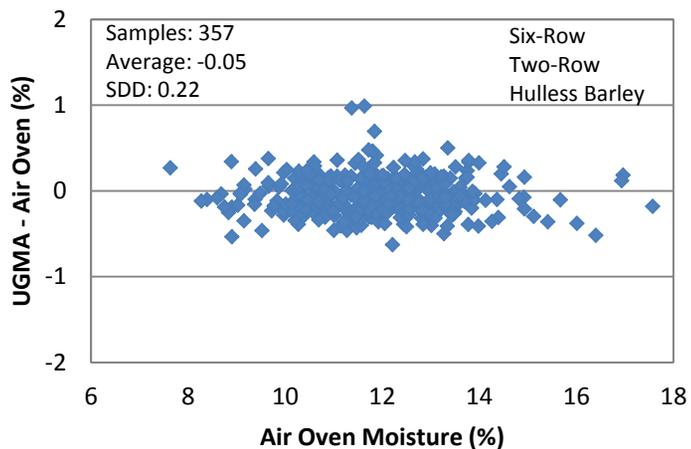
The following plots show the performance for instruments based on GIPSA's Unified Grain Moisture Algorithm (UGMA). The data were collected on the GIPSA's UGMA Master System for the crops listed on each plot. The differences are instrument moisture results minus USDA-GIPSA air oven moisture results.

The plots show data for the spring/summer harvest grain group. The specific grain types included in each grain group are listed in the upper right corner of each plot. The "average" value is the average difference between the UGMA results and the air oven results for all samples on the plot. The Standard Deviation of Differences (SDD) value is a measure of the variability of differences between the UGMA results and the air oven results. Approximately two thirds of UGMA results were within +/- the listed SDD value for that grain group.

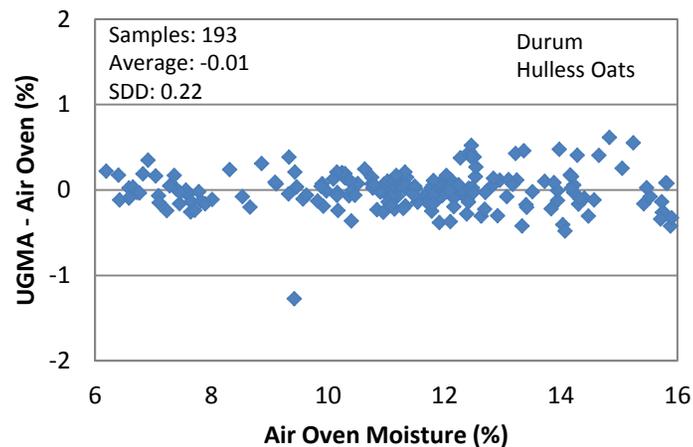
The y-axis range for all plots is +/- 2 % moisture difference, and the x-axis is the % moisture (air oven value).

# UGMA Performance for Spring/Summer Crops

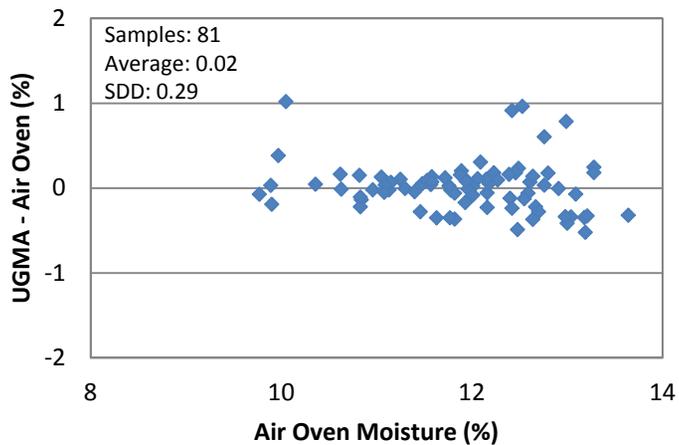
## Barley: 2009 - 2013



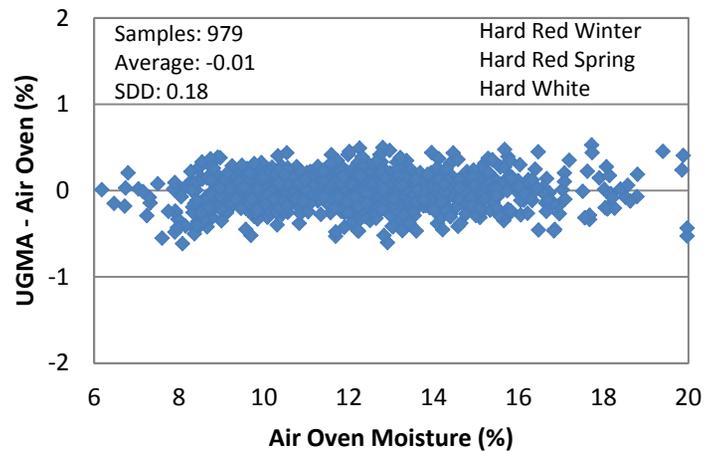
## Durum: 2009 - 2013



## Oats: 2009 - 2013

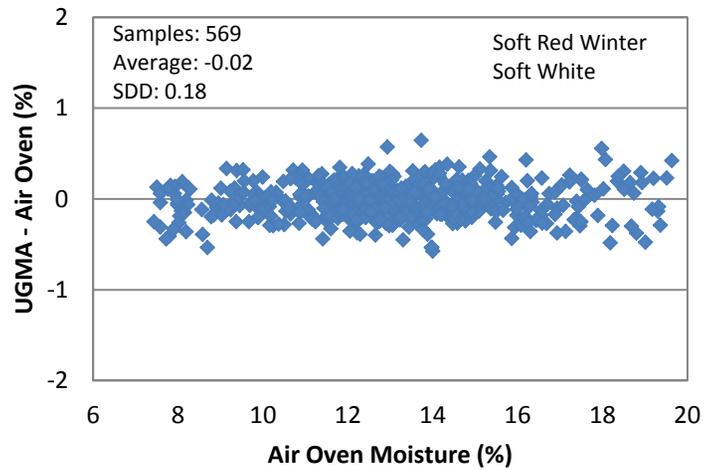


## Wheat, Hard: 2009 - 2013



# UGMA Performance for Spring/Summer Crops

## Wheat, Soft: 2009 - 2013



## Rye: 2010 - 2012

