# UGMA Moisture Meter Test Worksheet

Field Office _____
Agency _____
Location _____
Phone _____
Fax _____

☐ INITIAL
☐ RETEST

☐ N/A
☐ NEW
☐ REPAIR

## PART A. CALIBRATION CONSTANTS VERIFICATION

| CALIBRATION VERSION CURRENT? : | |
|---|---|

SEE ATTACHMENTS FOR LOCATING THE CALIBRATION VERSION

CURRENT: DJ GAC2500-UGMA 9180.61 08-01-16 PERTEN AM5200-A 08-01-2016

| METER MODEL : | | METER S/N : | |
|---|---|---|---|

## PART B. WEIGHING ACCURACY TEST

| | DROP 1 | DROP 2 | DROP 3 | DROP 4 | DROP 5 |
|---|---|---|---|---|---|
| INSTRUMENT WEIGHT (0.1g) | | | | | |
| SCALE WEIGHT (0.1g) | | | | | |
| INSTRUMENT WT minus SCALE WT | | | | | |

| **AVG OF DIFF:** | | | **RANGE OF DIFF:** | |
|---|---|---|---|---|

WEIGHING ACCURACY TOLERANCE: ±0.5 RANGE TOLERANCE: 1.0

## PART C. GRAIN MOISTURE SAMPLE TEST

| SAMPLE TRN: | | WEIGHT RECORDED ON SAMPLE BAG (0.1 g) | | WEIGHT TOLERANCE ± 0.5 | |
|---|---|---|---|---|---|
| | | SCALE WEIGHT OF SAMPLE AND BAG (0.1 g) | | | |

| INSTRUMENT DATA | DROP 1 | DROP 2 | DROP 3 | DROP 4 | DROP 5 | AVERAGE |
|---|---|---|---|---|---|---|
| DISPLAY MOISTURE (0.01%) | | | | | | |
| TEST WEIGHT (0.1 lb/bu) | | | | | | |
| SAMPLE TEMPERATURE (0.1°C) | | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| AVG MOISTURE | | **RANGE OF MOISTURES** | | | |
| STANDARD AVG MOISTURE | | **RANGE OF TEST WEIGHTS** | | OPERATOR (FIELD): | |
| **DEVIATION** | | **RANGE OF TEMPERATURE** | | DATE TESTED: | |
| TOLERANCE | 0.15 | | | REVIEWER (HQ): | |
| | | | | DATE REVIEWED: | |

| | PASS | FAIL |
|---|---|---|
| SCALE AVERAGE | | |
| SCALE RANGE | | |
| MOISTURE AVERAGE | | |
| MOISTURE RANGE | | |
| TEMPERATURE | | |

MOISTURE RANGE TOLERANCE: 0.26
NO TOLERANCE ON TEST WEIGHT
TEMPERATURE LIMIITS: 15-27C, 60-80F

RECOMMENDED ACTION: APPROVED ☐

| COMMENTS: | |
|---|---|
| | |
| | |
| | |

Public reporting burden for this collection of information is estimated to average 0.083 hours per response and 0.001 hours of record keeping, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send Comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Agriculture, OIRM, AG Box 7630, Washington, D.C. 20250; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C.