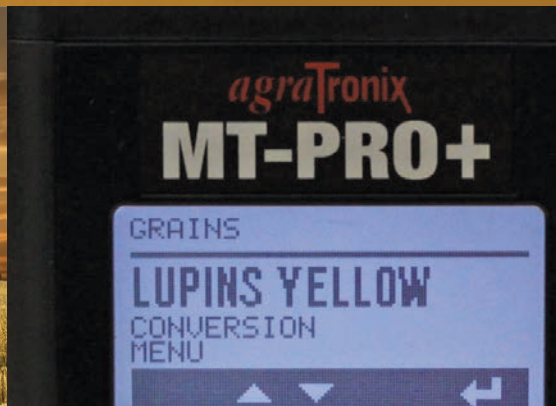
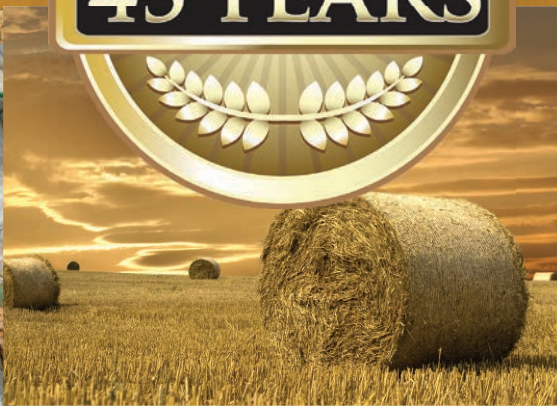


Product Guide

agraTronix™

Electronic Moisture Testers

Grain | Hay | Coffee | Cotton | Corn | Tobacco | Soil Compaction | Wood Chip



Premier Manufacturer of Moisture Sensing Equipment
for the Agricultural Industry

**MOST
ACCURATE
HAY PROBE
AVAILABLE**

NEW PRODUCT



Super bright outdoor-friendly display screen



Straw



Silage



Hay



Advanced Hay, Straw, and Silage Moisture Tester

Part No.: 07105

The **NEW 07105 Advanced Hay Moisture Tester** automatically compensates for the bale density giving more accurate testing results.

Features

- Scales for hay/haylage, straw, hay silage, corn silage and alfalfa
- Heavy-Duty - 20 in. (50.0 cm) Stainless Steel Probe
- Automatic Density Compensation for more accurate results
- "Industry First" Hay Tester with Temperature Compensation
- USB port for scale and software updates, including exporting tests to your computer
- Save up to 1000 moisture and temperature readings
- Displays average and high reading for each bale tested
- Large illuminated graphic LCD display
- Multilingual display - English, Spanish, French and Portuguese
- Two Year Warranty

Specifications

- Hay and Haylage: 8% - 80%
- Straw: 8% - 25%
- Hay Silage: 30% - 84%
- Corn Silage: 40% - 76%
- Alfalfa: 8% - 75%
- Temperature Range: 14°F - 176°F (-10°C - 80°C)
- USB cord included
- 9V Alkaline battery not included

NEW PRODUCT



Hay Core Sampler

Part No.: 07190

Features

- Developed by farmers for farmers and recommended for the fast and convenient extraction of core samples for testing purposes
- Hay sample goes direct from-bale-to-bag with no mess or contamination from handling
- The inside diameter of the shaft is 7/8" allowing samples to stay loose for easy bagging with the cleanout rod between samplings
- Cleanout rod pushes up to 20 core samples into a 1-gallon zip-lock bag that is suspended from the protective shield
- Shaft and connections are made of stainless steel
- Sampling depth is 20"
- Sampler can be used with either a 3/8" or 1/2" drill



* **Replaceable core sampler tip**
Hardened Steel Tip - 06065

**UPGRADED
SENSOR PADS.
STRONGER MATERIAL
LASTS MORE BALES.**



BHT-1 Baler-Mounted Hay Moisture Tester

Part No.: 07150

BALING YOUR HAY AT THE CORRECT MOISTURE LEVELS SAVES TIME AND MONEY

Testing for moisture does not end with the bale; testing occurs during and after baling. During the baling process the use of baler-mounted hay moisture testers, such as the AgraTronix BHT-1™ or BHT-2™, assures the producer that the hay is at the correct levels as it is being baled. Installation is simple and the results are displayed to the operator every two seconds or so.

Features

- Direct readout for moisture % while baling hay with square or round balers
- Sturdy display module mounts in tractor cab and displays readings from sensor pad mounted in baler
- Averages updated and displayed every 3 seconds
- Built-in calibration button
- Illuminated LCD display

Specifications

- Moisture range: 8% - 40% depending on baler type
- Accurate throughout the normal range of stored hay
- Display resolution: 0.1% moisture

Accessories

- BHT-1 Sensor Pad with hardware - 07157
- 25' Sensor Cable - 06065
- 10' Power Cable - 06066
- 10' Ext. Sensor Cable - 07158
- BHT-1 Sensor Pad Kit - 07159
- 2 sensor pads with hardware, increased durability with NEW sensor pads
- 25' sensor cable
- Mounting bracket
- 10' power cable

**UPGRADED
SENSOR PADS.
STRONGER MATERIAL
LASTS MORE BALES.**



**Best Selling
Baler-Mounted Tester**



FarmProgress Editors' Choice Award - May 2012

*** Updated
Averaging for
More Consistent
Readings**

BHT-2 Advanced Baler-Mounted Hay Moisture Tester

Part No.: 07160

Features

- Averages updated and displayed every 3 seconds*
- Advanced multi-sensor technology for greater overall accuracy while baling hay with square or round balers
- Sturdy display module mounts in tractor cab and displays readings from sensors mounted in baler
- Illuminated LCD display and keypad
- ± Moisture offset adjustments
- Adjustable high/low limit of moisture reading
- Upgradable firmware and calibration curves via USB

Accessories

- BHT-2 Sensor Pad with hardware - 06063
- 35' Sensor Cable - 06064
- 10' Power Cable - 06066
- 5' USB Cable - 06067
- BHT-2 Sensor Pad Kit - 07161
- 2 sensor pads with hardware, increased durability with NEW sensor pads
- 2 - 35' sensor cables

Specifications

- Moisture range: 8% - 30+% depending on baler type
- Accurate throughout the normal range of stored hay
- Display resolution: 0.1% moisture

Product Includes

- Display module
- 10' power cable
- 2 sensor pads with hardware
- 2 - 35' sensor cables
- USB cable
- Installation instructions



Check our website out for photos on where to mount the sensor pads on your baler, www.agratronix.com



Clamshell Packaging

Windrow Hay Moisture Tester

Part No.: 07140

WHY IS IT IMPORTANT TO TEST HAY MOISTURE PRIOR TO BALING?

Proper moisture levels during baling is essential to produce better quality hay and reduce economic losses. Baling hay at the correct moisture levels reduces mold development, and helps to preserve the color and feed value of hay.

Features

- Only portable hay moisture tester available for use in the field before baling
- Quickly measures loose hay and forage from a windrow without committing the time and expense of using baling or chopping equipment before the hay is at the correct moisture levels
- Simple to use - add loose hay to a five-gallon bucket, insert tester probe and press a button

Specifications

- Moisture range: 13% - 70% depending on hay tested
- Testing time: 30 - 60 seconds
- Accuracy: $\pm 2\%$ - 4%
- Display resolution: 0.1% moisture
- 9V battery required

Accessories

Dish probe only - 07253



Clamshell Packaging

DHT-1 Probe-Style Hay Moisture Tester

Part No.: 07100-18" Probe, 07101-24" Probe, 07102-32" Probe

Features

- Direct readout for moisture % and temperature ($^{\circ}\text{F}$ and $^{\circ}\text{C}$)
- Sturdy pistol-grip handle with extra-rugged probe shaft made from aircraft aluminum
- 3 models available: 18" (std.), 24" and 32" probe lengths

Specifications

- Moisture range: 14% - 44% depending on hay tested
- Temperature range: 32 $^{\circ}$ - 225 $^{\circ}$ F (0 $^{\circ}$ - 107 $^{\circ}$ C)
- Accurate throughout the normal range of stored, baled hay
- Display resolution: 0.1% moisture
- 9V battery required

Replacement Probes

18" Probe - Part No. 07018

24" Probe - Part No. 07024

32" Probe - Part No. 07032



Clamshell Packaging

HT-PRO Probe-Style Hay Moisture Tester

Part No.: 07120-20" Probe, 07121-10" Probe

TESTING THE MOISTURE LEVELS OF STORED HAY

After the baling process, hay is stacked and awaits sale. Testing at this stage is vital for the same reasons that stood prior to the baling process. With a hand-held electronic probe tester, such as the AgraTronix HT-PRO™ or DHT-1™, you are able to simply insert the probe into the bale and determine its moisture level. Probes come in a variety of lengths, 18", 20", 24", and 32", giving you flexibility along with reliability.

Features

- 10" and 20" probe lengths available
- Includes calibration clip - less than 20 seconds to calibrate
- Above and below moisture limit indication
- Illuminated LCD display

Specifications

- Moisture range: 8% - 44% depending on hay tested
- Temperature range: 32 $^{\circ}$ - 225 $^{\circ}$ F (0 $^{\circ}$ - 107 $^{\circ}$ C)
- Accurate throughout the normal range of stored, baled hay
- Display resolution: 0.1% moisture
- 9V battery required



The First and Only Portable Hay Moisture Tester With A Calibration Clip

Accessories

Calibration clip - 07156



NEW PRODUCT

Coffee Bean Moisture Tester

Part No.: 38150

Features

- Direct readout for 4 different coffee scales: ROASTED (2 - 9%) PARCHMENT COFFEE (6 - 30%) ARABICA (6 - 30%) ROBUSTA (6 - 40%)
- Displays coffee test weight (no pre-weighing) Measures moisture fast, easy, and accurately
- Non-compaction design with LCD display
- USB compatibility
- Automatic temperature compensation



Coffee

Specifications

- Temperature range: 40° - 113° F (5° - 45° C)
- Repeatability and accuracy: $\pm 0.2\%$ in normal moisture range for stored coffee
- Display resolution: 0.1% moisture
- 4 AA batteries included and USB Cord for UPGRADES

Accessories

- Carrying case - 06080
- USB Cable - 06067

Coffee / Cocoa Bean Moisture Tester

Part No.: 08150

Features

- Easy to operate
- Measures both green and parchment coffee beans
- Multiple sets of grain scales for customization of offsets by the operator
- Easy basic mode or advanced precision calibration mode to match local elevator table top moisture testers
- Averaging capabilities displays running average of tests
- Higher-frequency, capacitive circuit insures accuracy



Coffee

Specifications

- Moisture range: green coffee - 7% - 35% parchment coffee - 8% - 38% cocoa - 4% - 20%
- Temperature range: 32° - 113° F (0° - 45° C)
- Repeatability and accuracy: $\pm 0.5\%$ in normal moisture range for stored grain
- Display resolution: 0.1% moisture
- Two 9V batteries required

Accessories

- Carrying case - 06053
- Replacement cap - 06061



NEW PRODUCT

Rice Moisture Tester

Part No.: 39150

Features

- Fast, easy and accurate measurements for Rice moisture Test weight Temperature
- Scale upgrade with USB port
- Automatic temperature compensation
- Integrated levelling system
- Non-compaction design



Rice

Accessories

- Carrying case - 06080
- USB Cable - 06067

Specifications

- Temperature range: 5° - 45° C
- Repeatability: $\pm 0.3\%$ in normal moisture range for stored grain
- Display resolution: 0.1% moisture
- Moisture range: 6% - 25% depending on rice
 - White Rice - For Low Moisture 6% - 17%
 - White Rice - For High Moisture 14% - 25%
 - White Long Rice - For Low Moisture 6% - 15%
 - White Long Rice - For High Moisture 13% - 25%
 - White Short Rice - For Low Moisture 6% - 15%
 - White Short Rice - For High Moisture 13% - 25%
 - White Glutinous Rice - For Low Moisture 6% - 18%
 - White Glutinous Rice - For High Moisture 15% - 25%
 - Paddy Rice

Corn Stove Moisture Tester

Part No.: 08160

Features

- Easy to operate
- More accurate than scoop type testers
- Easy basic mode or advanced precision calibration mode to match local elevator table top moisture testers
- Averaging capabilities displays running average of tests
- Back light display
- Higher-frequency, capacitive circuit insures accuracy



Corn

Specifications

- Moisture range: 8% to 40% depending on grain tested
- Temperature range: 32° to 113°F (0° to 45°C)
- Repeatability & Accuracy: $\pm 0.5\%$ in normal moisture range for stored grain
- Display Resolution: 0.1% moisture
- Two 9V batteries not included

Accessories

- Replacement cap - Part No. 06061
- Carrying case - Part No. 06053



Clamshell Packaging

Temperature Probe - 59 inch

Part No.: 07125

Features

- Easily measure and manage the temperature of solid materials in the field or bin on the following materials:
Grain | Loose Hay or Forage | Grain and Forage Silo Bags | Mulch | Wood Chip / Pellets | And other similar solid materials

Specifications

- Temperature range 5°F to 158°F (-15°C to 70°C)
- 59 Inch probe length
- Choose between Fahrenheit or Celsius
- 10 Minute automatic shut-off



Grains



Mulch



Silo Bags



Loose Hay



Cotton

Cotton Moisture Tester

Part No.: 07126

Features

- Automatic temperature compensation;
- Calculation of average values;
- Easy to adjust calibration;
- Clear display with large easy to see numbers
- Tester enclosure and rugged 20" probe shaft

Specifications

- Analyzed material: raw cotton (loose)
- Six calibrations for different types of loose raw cotton which differ by quality and amount of debris
- Moisture measurement range: 5.2 – 30%
- Accuracy: ±2% moisture

Accessories

Probe only - 07251

Wile Cotton is used together with 07251, 20" probe

Soil Compaction Tester

Part No.: 08180

Features

- Increases crop yield by measuring the extent and depth of soil compaction
- 24" stainless steel rod with adjustable shock collar to prevent damage
- Easy-to-read, color-coded, stainless steel dial that is liquid filled to reduce shock
- Durable molded housing with rubber grips
- Large and small tip included with convenient storage in tester housing
- Easy to store on wall or above workbench

Specifications

- Penetration depth: up to 24" in 3" increments
- Green testing range (0-200 psi): good growing conditions
- Yellow testing range (200-300 psi): fair growing conditions
- Red testing range (300 psi and up): poor growing conditions
- Two tips included: 1/2" tip for firm soil, 3/4" tip for soft soil

Replacement Tips

1/2" small tip - 08181

3/4" large tip - 08182



Soil





Tobacco

TMT Tobacco Moisture Tester

Part No.: 08195

Features

- Measures moisture content of three types of tobacco throughout the moisture range specified by tobacco industry standards
- Direct readout in 0.1% increments
- Automatic temperature compensation
- Tester enclosure and rugged 20" probe shaft
- Calculates the average value of several measurements
- 9V battery required

Moisture Range

- Barley: 13% - 30%
- VFC: 13% - 30%
- Oriental: 10% - 20%

Accessories

Probe only - 07251



Wood Chips

WCT-1 Wood Chip Moisture Tester

Part No.: 08190

Features

- Accurate results for wood chips, wood pellets, pellets and sawdust from chainsaw debris
- More reliable than the traditional pin method because the reading is taken throughout the wood sample and not just from the outer surface
- 9V battery required

Moisture Range

- Chainsaw wood chips/sawdust: 15% - 65%
- Wood pellets: 4% - 23%
- Normal sawdust: 6% - 30%

Accessories

Replacement cap - 06061



WCT-2 Wood Chip Moisture Tester

Part No.: 08191

Features

- Measures the moisture content from piles of logging residue when creating energy
- Developed with the help of several governmental departments around the world
- Accurate results from the following types of burning logging residue: wood chips, logging residue chips, medium-sized logging residue chips, coarse logging residue chips
- 9V battery required

Moisture Range

- Wood chips: 12% - 40%
- Logging residue/brush/slash: 30% - 70%

Accessories

Dish probe only - 07253

**MOST
ACCURATE
HAND-HELD
AVAILABLE**



Corn

Ag-MAC™ Plus Grain Moisture Tester with Test Weight

Part No.: 30100

Features

- Direct readout for 20 different grain scales
- Displays grain test weight (no pre-weighing)
- Measures moisture fast, easy, and accurately
- Non-compaction design with LCD display
- USB compatibility for updates of grain scales and firmware
- Automatic temperature compensation
- **Hot corn up to 160° F (71° C)**

Specifications

- Moisture range: 6% - 45% depending on grain tested
- Temperature range: 32° - 122° F (0° - 50° C)
- Repeatability and accuracy: $\pm 0.2\%$ in normal moisture range for stored grain
- Display resolution: 0.1% moisture
- 4 AA batteries included

Accessories

Carrying case - 06080

USB Cable - 06067



Heavy-duty carrying case with shoulder strap included.

Moisture has the ability to cripple a whole year's worth of harvest if it is not checked from time to time.

In fact, ignoring such a critical issue it can actually lead to;

- Additional costs if the harvested grain is wetter than is acceptable
- Loss of value for dried grain since it has to be sold for less
- Spoiling the grain if it happens to be too wet and is not stored properly

Grains:

Barley 2R, Barley 6R, Corn, Lentils, Oats, Rapeseed (Canola), Rye, Safflower, Sorghum (Milo), Soybeans, Sunflower Oil, Triticale, Buckwheat, Peas, Wheat: Durum, Wheat: Hard Red Spring, Wheat: Hard Red Winter, Wheat: Soft Red Winter

MT-PRO+ Grain Moisture Tester with Extra Features

Part No.: 05100

Features

- Direct readout for 40 different grain scales
- 2.5" LCD display with selectable large or standard size fonts
- Low battery indicator and battery saver
- Illuminated, multilingual display - English, French, German, Italian, Portuguese, Spanish and Swedish

MT-PRO+ additional features include:

- Larger LCD
- Backlit push-button interface for low light conditions
- Automatically averages selectable number of tests
- Stores averaged readings for all grains tested
- USB port for personalization (adding user name), grain scale and firmware updates and diagnostics
- If grain is above/below limit, will display what the limits are for that grain

Specifications

- Moisture range: 5% - 40% depending on grain tested
- Temperature range: 32° - 113° F (0° - 45° C)
- Repeatability and accuracy: $\pm 0.5\%$ in normal moisture range for stored grain
- Display resolution: 0.1% moisture
- Two 9V batteries required

Accessories

- Carrying case - 06053
- Replacement cap - 06061
- 5' USB Cable - 06067



Grains:

Alfalfa, Barley, Beet, Buckwheat, Canary, Clover: Purple, Clover: White, Corn, Dactyl, Fescue, Flax (Linseed), Lentils, Millet, Mustard, Navy Beans, Oats, Peanuts: Spanish, Peas: Fodder, Peas: Green, Peas: Yellow, Phleum, Popcorn: White, Popcorn: Yellow, Rapeseed (Canola), Rice: Long, Rice: Medium, Rye, Rye Grass, Safflower, Sorghum (Milo), Soybeans, Sunflower: Oil, Sunflower: Stripe, Triticale, Wheat: Durum, Wheat: Hard Red Spring, Wheat: Hard Red Winter, Wheat: Soft Red Winter, Wheat: White

NEW SCALES: Chia, Hemp, Quinoa



Clamshell
Packaging



MT-PRO Grain Moisture Tester

Part No.: 08125

**BEST
SELLER**



Features

- Direct readout for 40 different grain scales
- Tests high moisture grain up to 40 percent
- Single-point or precision multi-point calibration to match local elevator
- Built-in average button displays the average of saved test results
- Higher-frequency, capacitive circuit for greater accuracy
- Enhanced temperature compensation circuit
- Illuminated, multilingual display - English, Spanish, French, German, Italian, Portuguese and Swedish
- Includes protective carrying case with shoulder strap

Specifications

- Moisture range: 5% - 40% depending on grain tested
- Temperature range: 32° - 113° F (0° - 45° C)
- Repeatability and accuracy: $\pm 0.5\%$ in normal moisture range for stored grain
- Display resolution: 0.1% moisture
- Two 9V batteries required

Accessories

- Carrying case - 06053
- Replacement cap - 06061



Clamshell
Packaging



Grains:

Alfalfa, Barley, Beet, Buckwheat, Canary, Clover: Purple, Clover: White, Corn: High Moisture, Corn: Low Moisture, Dactyl, Fescue, Flax (Linseed), Lentils, Lupins: Yellow, Millet, Mustard, Navy Beans, Oats, Peanuts: Spanish, Peas: Fodder, Peas: Green, Peas: Yellow, Phleum, Popcorn: White, Popcorn: Yellow, Rapeseed (Canola), Rice: Long, Rice: Medium, Rye, Rye Grass, Safflower, Sorghum (Milo), Soybeans, Sunflower, Sunflower: Stripe, Triticale, Wheat: Durum, Wheat: Hard Red Spring, Wheat: Hard Red Winter, Wheat: Soft Red Winter, Wheat: White

MT-16 Grain Moisture Tester

Part No.: 08155



**BEST
SELLER**

Features

- Direct readout for 16 different grain scales - each scale adjustable to match local elevator
- Automatically averages up to 99 test results
- High frequency capacitive circuit with accurate temperature compensation circuit
- Used reliably by the USDA Federal Crop Insurance Field Office
- Protective carrying case with shoulder strap included

Specifications

- Moisture range: 5% - 40% depending on grain tested
- Temperature range: 32° - 113° F (0° - 45° C)
- Repeatability and accuracy: $\pm 0.5\%$ in normal moisture range for stored grain
- Display resolution: 0.1% moisture
- 9V battery required

Accessories

Carrying case - 06052
Replacement cap - 06061



Clamshell
Packaging



Grains:

Corn 5-21%, Corn 17-40%, Wheat-soft, Wheat-hard, Soybeans, Sorghum, Oats, Canola, Barley, Rye, Beans Paddy Rice, Flax, Safflower, Sunflower-oilseed, Sunflower-confect, Arbitrary Scale

Additional Grains by Request:

Alfalfa, Black Pepper, Buckwheat, Cardamom, Chickpea, Faba Bean, Flaxseed (Linseed), Green Lentils, Milk Powder (4% Fat), Milk Powder (Fat Free), Milk Thistle, Millet, Mustard Seed, Peanuts, Poppy Seed, Radish, Raw Coffee, Red Fescue, Red Lentils, Rye Grass, Safflower, Seaweed, Spinach Seed, Teff, Wheat Flower, White Clover, White Lupine

GMT-GRIND* Grain Moisture Tester

Part No.: 08201

* **Did you know grinding is the most accurate method to test through the whole grain.**



Carrying case includes:

- Grinding Grain Moisture Tester
- Wire Cleaning Brush
- Sturdy Carry and Storage Case
- Operating Instructions

Features

- Direct readout for 31 different grain scales
- Smallest sample size needed by any portable grain tester
- Individual offset adjustment by crop
- Illuminated LCD display with adjustable contrast and battery voltage indication
- Aluminum tester enclosure with accurate steel test cell
- Wire cleaning brush included to easily clean test cell
- Sturdy carrying and storage case included
- Ideal for pre-harvest decisions

Specifications

- Temperature range: 32° - 122° F (0° - 50° C)
- Automatic average of the last four measurements
- Repeatability and accuracy: $\pm 0.5\%$ in normal moisture range for stored grain
- Display resolution: 0.1% moisture
- 9V battery required

Accessories

Cleaning brush - 08200
Carrying case - 08205



Grains:

Barley, Winter Barley, Wheat, Buckwheat, Oats, Rye, Triticale, Peas, Corn, Beans, Rapeseed (Canola), Sunflower, Linseed, White Mustard, Red Clover, White Clover, Ryegrass, Soybeans, Wheat Flour, Spelt, Caraway, White Rice, Paddy Rice, Meadow Grass, Red Fescue, Durum Wheat, Meadow Fescue, Timothy, Rape (Turnip), Broad Bean, Millet

1210 Silage and Grain Moisture Tester

Part No.: 01210



Features

- Tests freshly chopped and ensiled silage within 1 minute
- Digital log reading with conversion chart for common silage types
- 100 plastic bags included to keep test cell clean

Specifications

- Moisture range: silage: 30% - 75%; grain: 10% -47%
- Repeatability: $\pm 0.5\%$ in normal moisture range for stored grain
- Accuracy: within 1% for grain at normal stored moisture, 2% for silage under 50% moisture, 3% for silage over 50% moisture
- 9V battery required

Accessories

- 100 Replacement plastic bags - 6801
- Thermometer - 6977
- Log cards - DOCU-C0003



Wheat

Grains:

Shelled Corn, Soybeans, Peas, Wheat, Hard Wheat, Oats

Portable MT-PRO Grain Kit and Grain Weight Scale

Part No.: 09110



Complete kit includes:

- MT-PRO Grain Moisture Tester
- Hanging Grain Weight Scale
- Sturdy Carry and Storage Case
- Operating Instructions

MT-PRO Grain Moisture Tester Specifications

- Moisture range: 5% - 40% depending on grain tested
- Temperature range: 32° - 113° F (0° - 45° C)
- Repeatability and accuracy: $\pm 0.5\%$ in normal moisture range for stored grain
- Display resolution: 0.1% moisture
- Two 9V batteries required

Hanging Grain Weight Scale

- 15.5 in. long
- Metric or standard weights
- Measures grain test weight (lbs. per bushel)
- Test range: 15 - 70 lbs. per bushel; 20 - 90 kg per hectoliters

Accessories

- MT-PRO - 08125
- MT-PRO carrying case - 06062
- Grain Weight Scale - 08170



The Most Cost Effective Product for Accurate Moisture and Grain Test Weight

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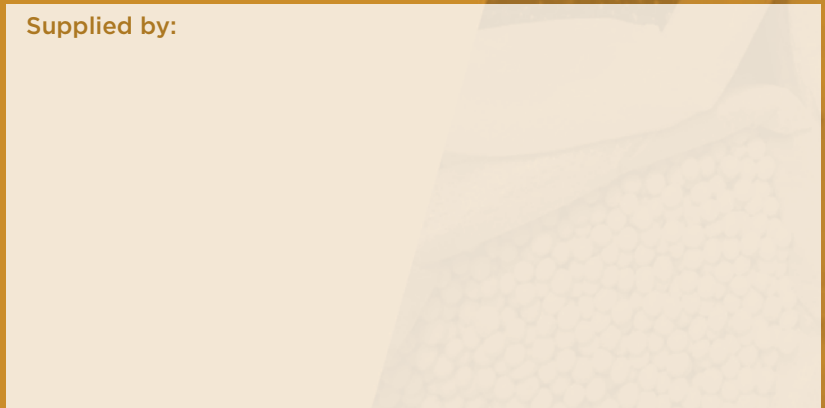
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