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REOTEMP 43398-50865

REOTEMP 15 Inch Garden and Compost Moisture Meter User Manual

Model: 43398-50865

Introduction

Thank you for choosing the REOTEMP Garden and Compost Moisture Meter. This heavy-duty moisture meter is designed for gardeners, composters, farmers, and nurseries to accurately assess relative moisture levels in soil, compost, and other growing mediums. Its unique calibration feature allows for precise adjustments to meet the specific moisture requirements of various plants and applications.

Key Features

- Easy to operate for home composting, gardening, schools, and community programs.
- Rugged stainless steel construction ensures durability.
- Long 15-inch stem with a thick 5/16-inch diameter for deep penetration.
- User-calibratable with a 0-10 wetness scale for customized moisture tracking.
- Provides instant readings, powered by one AAA battery (included).

Setup

Before first use, ensure the included AAA battery is correctly installed. The meter is designed for immediate use, but calibration is recommended for optimal accuracy in specific applications.

Battery Installation

1. Locate the battery compartment on the back of the meter head.
2. Open the compartment cover.
3. Insert one AAA battery, observing the correct polarity (+/-).
4. Close the battery compartment cover securely.

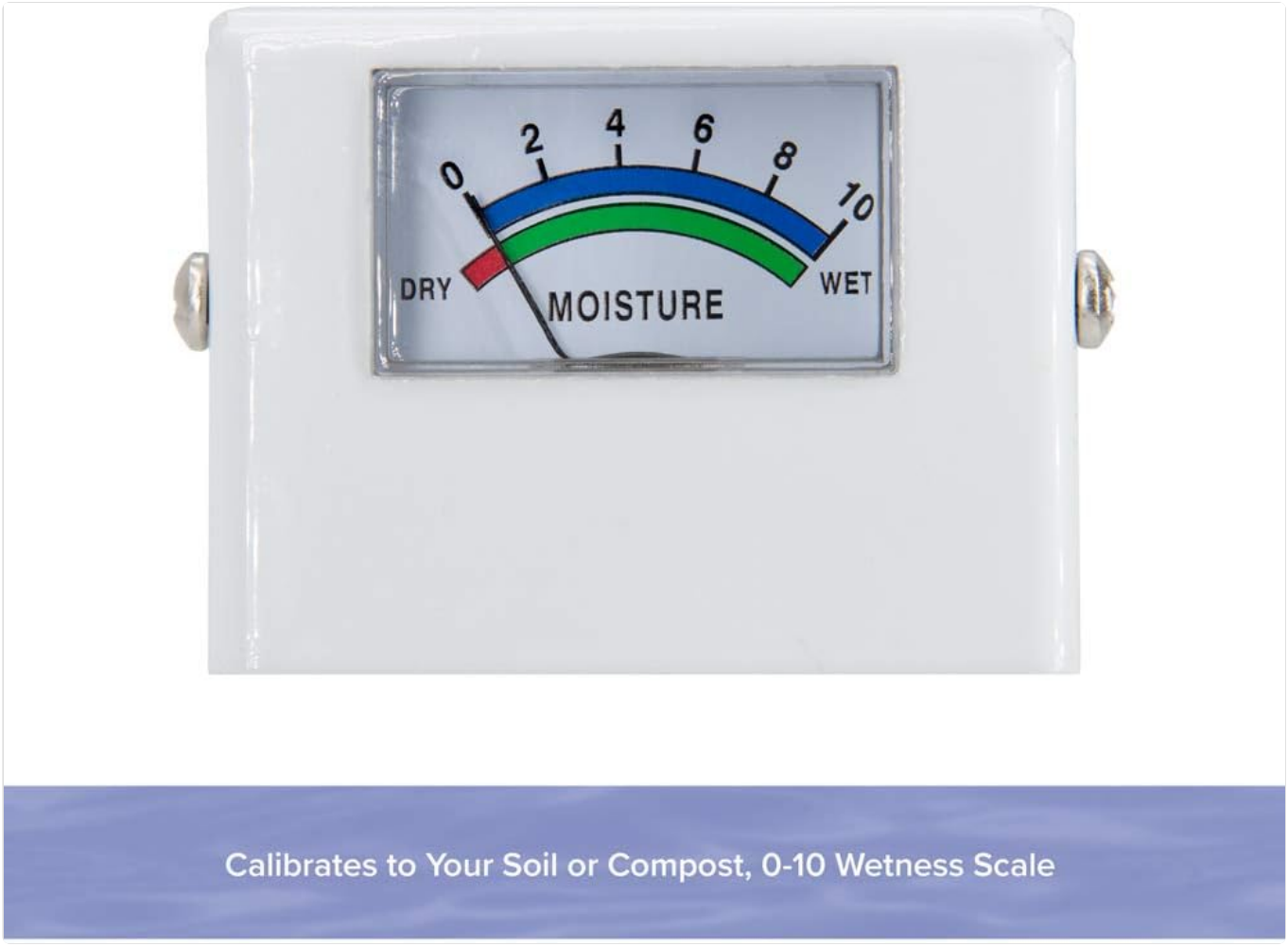


Figure 1: The REOTEMP Moisture Meter's easy-to-read dial, indicating moisture levels from dry to wet. The meter is powered by a single AAA battery.

Operating Instructions

The REOTEMP Moisture Meter provides instant readings. For best results, follow these steps:

Basic Moisture Measurement

1. Insert the stainless steel probe into the soil or compost to the desired depth. Ensure the probe is fully inserted for accurate readings, avoiding large air pockets or hard objects.
2. Wait a few moments for the needle on the dial to stabilize.
3. Read the moisture level indicated on the 0-10 wetness scale.
4. Remove the probe and clean it thoroughly after each use to prevent contamination and ensure longevity.

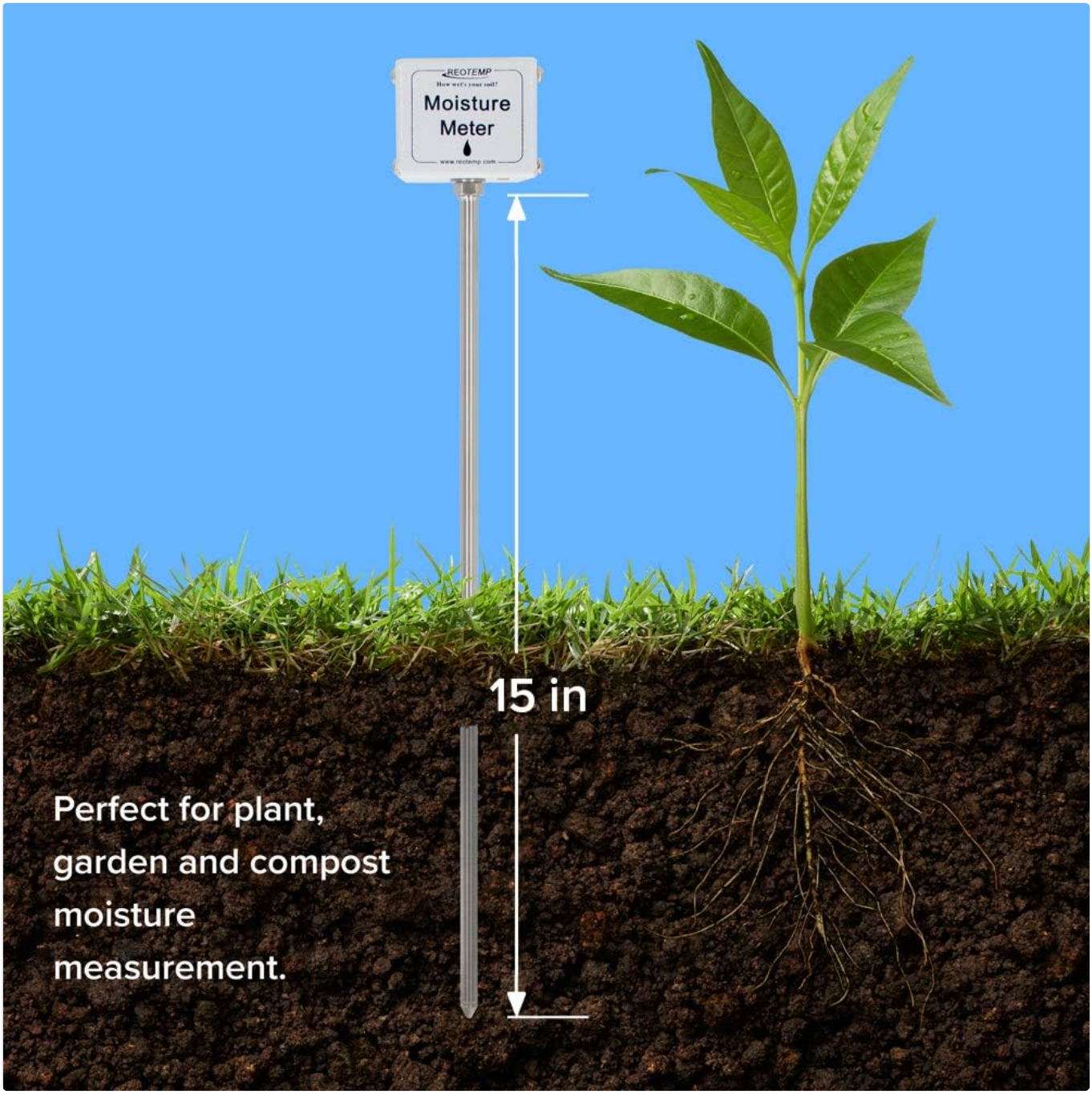


Figure 2: The 15-inch probe of the REOTEMP Moisture Meter inserted into soil, demonstrating its capability for deep moisture measurement in gardens and compost.

Calibration for Specific Moisture Needs

The meter can be calibrated to a specific target moisture level, allowing for precise tracking tailored to your plants or compost. This is particularly useful for different plant types or composting stages that require varying moisture conditions.

1. Prepare your soil or compost to the desired moisture level by watering it as needed.
2. Insert the meter into the prepared medium.
3. Using a small screwdriver, adjust the calibration screw located on the side of the meter until the needle points to your desired target moisture level on the dial (e.g., '5' for a balanced moisture).
4. Your meter is now calibrated to track this specific moisture target.

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Video 1: An official REOTEMP video demonstrating the calibration process for the Garden and Compost Moisture Meter, showing how to adjust the meter to a target moisture level.

Applications

The REOTEMP Moisture Meter is versatile and suitable for various applications:

- **Gardens:** Monitor soil moisture for optimal plant growth.
- **Compost Piles:** Ensure ideal moisture levels for efficient decomposition.
- **Farms:** Assess field moisture for irrigation management.
- **Lawns:** Check turf moisture to prevent over or under-watering.



Figure 3: A visual representation of the REOTEMP Moisture Meter's diverse applications, including use in gardens, farms, lawns, and compost piles.

Maintenance

- **Cleaning:** After each use, wipe the stainless steel probe clean with a damp cloth to remove any soil or debris. Do not submerge the meter head in water.
- **Storage:** Store the meter in a dry place, away from extreme temperatures and direct sunlight.

- **Battery Replacement:** If the meter needle does not respond or provides inconsistent readings, replace the AAA battery.
- **Calibration Check:** Periodically check the calibration against a known moisture level to ensure continued accuracy.



Figure 4: A complete view of the REOTEMP Moisture Meter, highlighting its robust stainless steel probe and compact meter head, designed for durability and ease of use.

Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Meter not responding or erratic readings.	Low or dead battery; poor probe contact.	Replace the AAA battery. Ensure the probe is fully inserted into the medium and making good contact.
Inaccurate readings.	Meter is out of calibration; probe is dirty.	Recalibrate the meter as per the "Calibration" section. Clean the probe thoroughly.
Difficulty inserting probe.	Soil is too compact or dry; encountering an obstruction.	Moisten the soil before insertion. Avoid forcing the probe; try a different spot.

Specifications

Brand: REOTEMP

Model Number: 43398-50865

Stem Length: 15 inches

Stem Diameter: 5/16 inches

Construction: Rugged Stainless Steel

Wetness Scale: 0-10 (User Calibratable)

Power Source: 1 x AAA Battery (Included)

Item Weight: Approximately 9.9 ounces (0.62 Pounds)

Package Dimensions: 16.93 x 2.76 x 2.32 inches

UPC/GTIN: 853850002287

Warranty and Support

For warranty information or technical support, please contact REOTEMP directly through their official website or the retailer where the product was purchased. Keep your purchase receipt as proof of purchase.

REOTEMP Contact Information:

Website: www.reotemp.com

Amazon Store: Visit the REOTEMP Store on Amazon

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