

## Soil Moisture Meter model 01410

### Getting Started

- Remove any stones, leaves, twigs or other debris near the test area.
- Insert the probe to a test depth of 5 in (12.7 cm).
- Leave the probe inserted for about 1 minute for the meter to stabilize its reading.
- Repeat these steps in an additional test area to confirm the accuracy of your reading.

### Soil Types and Watering Information

#### Loam Soil:

Very porous and retains moisture well. This is the optimal soil type and can be watered normally.

#### Sandy Soil:





Extremely porous and drains quickly. Water slowly to saturate soil root zones.

#### Clay Soil:

Holds more water, but is slow to absorb and release. Do not water faster than the soil can absorb it.

### Recommended Soil Moisture Levels

The plants listed in this guide represent commonly found species. Consult a local horticulture professional for more specific details on plants not found on this list. **NOTE:** All vegetables require soil moisture between 41% - 80%.

	<b>TOLERATES EXTREMELY DRY SOIL</b>
	<b>TOLERATES DRY / WELL DRAINED SOIL</b>
	<b>TOLERATES MOIST SOIL</b>
	<b>TOLERATES WET SOIL</b>

### General Soil Moisture Information & Tips

- If you have sandy or very heavy clay soils and would like to improve its water retention, add compost or organic matter to your soil.
- Adding sand to clay soils, or clay to sandy soils will create a cement-like soil, making water retention worse.
- One inch of water per week is adequate for most plants. You may use a rain gauge to assist (not included; sold separately).

Flowers	 0% - 20%	 21% - 40%	 41% - 60%	 61% - 80%
Agave	•			
Aster		•		
Astilbe		•	•	
Big Blue Stem				•
Bleeding Heart			•	
Butterfly Weed		•		
Cactus	•	•		
Catmint		•		
Christmas Fern		•		
Coneflower		•		
Daffodil			•	
Dalia			•	
Daylily			•	
Gaillardia		•		
Heaths/Heathers		•		
Helibores			•	
Hosta			•	
Hyssop		•		
Iris		•		
Ironweed			•	
Jack In Pulpits			•	
Joe-Pye Weed			•	
Lavender		•		
Lemon Balm		•		
Lily			•	
Lobelia			•	•
Lupine			•	
Margold		•		
Marsh Marigold				•
May Apple			•	
Meadow Rue			•	•
Monardia		•		
Ornamental Grasses		•		
Penstemon		•		
Peony			•	
Petunia			•	
Poppy (general)		•		
Purple Coneflower		•		
Queen of the Prairie			•	
Red Milkweed			•	
Sedges		•	•	•
Sedum	•	•		
Sod/Turfgrass				
Pansy		•		
Tulip		•	•	
Violet			•	
Yarrow	•	•		
Yucca		•		
Zinnia		•		

# Recommended Soil Moisture Levels

Trees & Shrubs	0% - 20%	21% - 40%	41% - 60%	61% - 80%
Alpine Current				
American Filbert		•		
American Holly		•	•	
Amur Privet		•		
Arborvitae		•		
Azealeas			•	
Bald Cypress		•	•	•
Barberry		•		
Bayberry			•	
Birch		•		
Black Tupelo		•		
Chinese Juniper		•		
Clematis		•	•	
Common Boxwood		•		
Common Elderberry		•	•	
Common Lilac		•		
Cotoneaster		•		
Crab Apple		•		
Grape Myrtle		•	•	
Dawn Redwood		•	•	•
Dogwood		•	•	•
Eastern Red Cedar		•	•	•
Elderberry		•	•	•
Elm		•	•	
Frazier Fir		•		
Gardenia		•		
Ginkgo		•		
Hawthorn		•		
Holly		•		
Honey Locust		•		
Horse Chestnut		•		
Hydrangea		•	•	
Juniper		•		
Lilac		•		
Maple (general)		•		
Mockorange		•		
New Jersey Tea		•		
Oaks (general)		•		
Ohio Buckeye		•		
Potentilla	•	•		
Red Cedar		•	•	
Red Twig Dogwood		•	•	
Rhododendron		•	•	
Roses		•		
Rugosa rose	•	•		
Saucer magnolia		•	•	
Serviceberry		•	•	
Silver Maple		•	•	
Spiraea		•		

Trees & Shrubs	0% - 20%	21% - 40%	41% - 60%	61% - 80%
Spruce				
Sugar Maple		•		
Swamp White Oak		•		•
Sweetshrub		•	•	
Tamarac/Larch		•	•	•
White Fir		•		
White Pine		•		
Willow		•		

Fruits	0% - 20%	21% - 40%	41% - 60%	61% - 80%
Apple		•	•	•
Grapes		•	•	•
Fig		•	•	•
Pear		•	•	•
Peach		•	•	•
Pear		•	•	•
Raspberry		•	•	•
Strawberry		•	•	•
Blackberry		•	•	•
Blueberry		•	•	•
Cranberry		•	•	•

**IMPORTANT**  
**PRODUCT MUST BE REGISTERED TO RECEIVE WARRANTY SERVICE**

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