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Soil pH is directly correlated the amount of and which nutrients are available in the soil and how readily a plant can take them up. The Hanna pH Meter measures how acid or alkaline the soil is, allowing a grower to amend it to the needs of their crop.

## USING THE METER TO MEASURE SOIL PH

1. Mix 2 parts water with 1 part soil and let it comeingle for 10 minutes. The pH of the water will affect the reading. Plain distilled water with a pH of 7.0 is ideal. If the water's pH is higher, the soil measurement will be higher than the true value. The reverse is true if the pH of the water is lower than 7.0.
2. Immerse the electrode into this solution per the meter's instructions to measure the soil's pH.

## SPECIAL CARE OF THE ELECTRODE

This meter works by measuring the flow of ions through the glass electrode. Don't touch the electrode and keep it moist during storage by adding water from the Buffer Solution, which can be found in our catalog or on our website.

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