



Texas Tech University

pH Calibration In Plant

1. Rinse probe with deionized water and wipe with kimwipe (make sure probe and sensor are free from debris).
2. Press On/Off button.
3. Place probe in buffer 7.00.
4. Press **CAL** button.
5. Select 7.00 and press **ENTER**.
6. Wait for numbers on screen to stop blinking.
7. Rinse off Probe and place in buffer 4.00.
8. Press **ENTER**.
9. Wait for numbers on screen to stop blinking.
10. Remove from buffer and rinse with deionized water and kimwipes.

pH and Temperature Sampling

1. Calibrate pH meter where samples will be analyzed (i.e. cooler, harvest floor).
2. Be sure pH probe is clean and dry.
3. Insert probe into sample (being careful not to break sensor).
4. When pH on screen stops blinking record the reading.
5. If readings do not look accurate, re-calibrate the pH meter.
6. Remove probe from sample.
7. Wash sensor/probe with dawn and a soft bristle tooth brush.
8. Rinse off probe with deionized water and dry with a kimwipe. (Make sure sensor is free of debris).

IQ Scientific Instruments Model IQ/50 Handheld pH/mV/Temperature meter Carlsbad, CA