

HOW TO USE YOUR METER TO TEST SOIL pH

1. Remove the top 2" of the surface soil. Break up and crumble the soil underneath to a depth of 5". Remove any stones or organic debris such as leaves and twigs because they can affect the final result. Thoroughly wet the soil with water (ideally rainwater) to a mud consistency.
2. Using the supplied pad, lightly shine 4"-5" (10-12cm) of the probe on the left side of the meter, carefully avoiding the bullet shaped tip, to remove any oxides that may have formed on the surface of the metal.
3. Move the switch on the front of the meter from "off" to "pH". Push the probes vertically into the moistened soil to a depth of 4"-5". If it does not slip into the ground fairly easily select a new position. Wait for 60 seconds to acclimatize the probe and note the reading.
4. If the reading is pH7 or higher: Remove the probes from the soil and wipe any soil particles from the surface of the probes. Reshine the left hand probe and insert back into the soil at a different point, avoiding the first hole made by the probes, and wait 30 seconds before taking the final reading.
5. If the reading is below pH7: Remove the probes from the soil and wipe any soil particles from the surface of the probes. Do not reshine the left hand probe. Insert the probes back into the soil at a different point avoiding the first hole made by the probes. Wait 60 seconds before taking the final reading.

HOW TO USE YOUR METER TO TEST SOIL MOISTURE

1. Move the switch on the front of the meter from "off" to "Moisture". Push the probes vertically into the soil to about two thirds the depth of the container, and about halfway between the edge of the pot and the stem of the plant. Do not push the probes too near the stem. Note the letter.
2. Each plant listed has been given a watering letter. For each plant, water only when the needle registers on or below the watering letter. Plants with a later watering letter (C or D) like to be kept moist. Plants with an earlier letter prefer drier conditions.
3. Check small pots more often than large ones, they dry out more quickly. Over watering rots the roots, so do not water too frequently. Out of season, most plants only need water once a week.

GENERAL TIPS ON TESTING

- Don't leave the probe in the soil longer than necessary because the metal electrodes may pit, with the possibility of damage to the meter mechanism.
- Insure that the probe are wiped clean and well dried before storing in order to minimize the oxidation of the metal electrodes.
- Be sure to keep the probes away from metal objects.

USE THE METER ONLY IN SOIL. DO NOT PLACE THE PROBES INTO WATER!!

Watering Letter A	Watering Letter B	Watering Letter C	Watering Letter D
Aloe	African violet	Baby's Tears	Kangaroo Thorn
Calceolaria	Amaryllis	Bay Tree	Mosaic Plant
Cape Ivy	Aralias	Begonia	Nasturtium
Cardinal Flower	Arrowhead Vine	Begonia Rex	Oleander
Century Plant	Bamboo Palm	Bloodleaf	Parlor Palm
Ceropegia	Bird of Paradise	Bottlebrush Plant	Passion Flower
Dipladenia	Black-eyed Susan	Buddhist Pine	Peppers
Dumb Cane	Burro's Tail	Busy Lizzie	Pilea
Euonymus	Buxus	Calla Lily	Plume Flower
Figs	Cacti and succulents	Camellia	Sensitive Plant
Flaming Katy	Cast Iron Plant	Chenille Plant	Vase Plant
Geranium	Castor Oil Plant	Christmas cactus	Vase Plant
Gold Dust Plant	Chinese Evergreen	Christmas Pepper	Velvet Plant
Hens and Chicks	Cineraria	Chrysanthemum	Violet Flame
Inch Plant	Crown of Thorns	Clerodendrum	Zebra Plant
Jade Plant	Easter Lily	Coleus	
Jelly Bean Plant	Fat-headed Lizzie	Columnea	
Kalanchoe	Glory Lily	Copperleaf	
Kaffir Lily	Grape Ivy	Coral Berry	
Lantana	Hibiscus	Creeping fig	
Lucky Clover	Jerusalem Cherry	Creeping mss	
Myrtle	Monstera	Cupid's bower	
Orchid	Nicodemia	Cyclamen	
Panda Plant	Norfolk Island Pine	Dracaena	
Peperomia	Parasol Plant	Finger Aralias	
Poinsettia	Philodendron	Flowering Maple	
Pony Tail	Rubber Plant	Friendship Plant	
Shrimp Plant	Silk Oak	Fuchsia	
Snake Plant	Snakeskin Plant	Gloxinia	
Sugar Almond	Swedish Ivy	Hedera Ivy	
Umbrella Tree	Wax Plant	Heliotrope	
Verbena	Weeping Fig	Jacaranda	
Vriesia		Jacobinia	
Wandering Jew			