

# rapitest®



# mini pH Tester

## Is your soil too acid?

- Tests the acidity of soil
- Check which plants suit your soil
- Enables you to alter soil conditions
- Use for fruits, flowers, shrubs and vegetables
- No batteries required



\* See details on reverse

No. 1815

# mini pH Tester

## PREPARATION

### The soil sample

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.

Thoroughly wet the soil with water (ideally rainwater) to a mud consistency.

### The probe

Using the specially supplied cleaning pad lightly shine 4" - 5" of the probe avoiding the bullet shaped tip. Wipe clean using cotton wool or tissue paper.

## TAKING A pH READING (Do Not Use In Water)

1. Push the meter vertically into the moistened soil to a depth of 4"-5".
2. Twist the meter between your fingers several times to ensure that wet soil is well distributed over the surface of the probe.
3. If the reading is in the green zones  
Remove the probe from the soil and wipe any soil particles from the surface of the probe. Reshine the probe and insert back into the soil at a different point.  
Twist the meter 2 or 3 times, as before, and wait 60 seconds before taking the final reading.
4. If the reading is in the orange or red zones  
Remove the probe from the soil and wipe any particles from the surface of the probe. Do not reshine the probe. Insert the probe back into the soil at a different point.  
Twist the probe 2-3 times between your fingers, as before and wait 60 seconds before taking the final reading.

## LIMING AND SOIL CONDITIONING

To make your soil more alkaline by 1 pH apply 10 1/2 oz. per sq. yd. (300g per sq. metre) of ground Limestone.

To make your soil more acid by 1 pH apply 2 1/2 oz. per sq. yd. (70g per sq. metre) of Sulphate of Ammonia.

pH is shown by the numbers on the dial. The green areas from pH 7.0-8.0 mean the soil is alkaline or limey.

The orange/red areas from pH 7.0-4.0 mean the soil is acid. pH 7.0 is neutral.

## PLANT pH PREFERENCES

### Vegetables

Beans	6.0-7.5	Lettuce	6.0-7.0
Beetroot	6.0-7.5	Marrow	6.0-7.5
Broccoli	6.0-7.5	Onion	6.0-7.0
Brussels Sprouts	6.0-7.5	Parsnip	6.0-7.5
Cabbage	6.0-7.5	Pea	6.0-7.5
Celebrese	6.5-7.5	Pepper	5.5-7.0
Carrot	5.5-7.0	Potato	4.5-6.0
Cauliflower	5.5-7.5	Radish	6.0-7.0
Celery	6.0-7.0	Spinach	6.0-7.5
Cucumber	5.5-7.5	Swede	5.5-7.5
Leek	6.0-8.0	Tomato	6.5-7.5

### Flowers/Shrubs

Azalea	4.5-6.0	Geranium	6.0-7.5
Camellia	4.5-5.5	Gladiolus	6.0-7.0
Carnation	6.0-7.0	Hydrangea (blue)	4.0-5.0
Clematis	5.5-7.0	Hydrangea (pink)	6.0-7.0
Daffodil	6.0-6.5	Hydrangea (white)	6.5-7.0
Dahlia	6.0-7.5	Magnolia	5.0-6.0
Dahlia	6.0-7.5	Primula	6.0-7.5
Erica	4.5-6.0	Rhododendron	4.5-6.0
Fuschia	5.5-6.5	Rose	6.0-7.0

### Fruit

Blackberry	5.0-6.0	Melon	5.5-6.5
Cherry	6.0-7.5	Peach	6.0-7.5
Currant (black)	6.0-8.0	Raspberry	5.0-6.5
Currant (red)	5.5-7.0	Rhubarb	5.5-7.0
Gooseberry	5.0-6.5	Strawberry	5.0-7.5
Grapevine	6.0-7.0		
Lemon	6.0-7.0	Lawns	6.0-7.5

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