

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 carefully avoiding the bullet-shaped tip, wipe clean using cotton wool or paper tissue.

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.
Wait for 60 seconds to acclimatise the probe and note the reading.
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 probe 2 or 3 times between the fingers, as before, and wait 30 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 soil 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 or 3 times between the fingers, as before, and wait 60 seconds before taking the final reading.

LIMING AND SOIL CONDITIONING

To make your soil more alkaline by 1pH apply 10¹/₂ oz per sq yd (300g per sq metre) of Ground Limestone.

To make your soil more acid by 1pH apply 2¹/₂ 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
Calabrese	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	5.5-7.0
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	6.0-7.5	Hydrangea (Blue)	4.0-5.0
Chrysanthemum	6.0-7.0	Hydrangea (Pink)	6.0-7.0
Clematis	5.5-7.0	Hydrangea (White)	6.5-7.0
Daffodil	6.0-6.5	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
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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