

## **SOIL PH TEST KIT**

**SIMPLE \* ACCURATE \* ECONOMICAL**

For healthy growth of plants, it is essential that the PH of your potting mix or soil is suitable for the plants that you want to grow.

With this kit you can rapidly determinate soul PH and take corrective action.

### **Selecting a sample for testing**

- Carefully collect soil samples from area to be tested. Remove any debris from surface, if the collected sample is hard and lumpy, crush to make it finer for easy mixing.
- In gardens, for soils around shallow rooted plants (most garden plants) samples to be taken at depth of 10-15cm below the surface, and for soils around deep-rooted trees and shrubs, take sample at a depth of 25-30cm.
- In large farm paddocks, take at least 20 samples from different locations, mix thoroughly, and test as one representative sample.
- For commercial and home-made potting mixes/compost, thoroughly mix the lot and take a small representative sample. Remove any large un-decomposed matter.
- For soils or mixes in pots and containers, take small sample at a depth of root zone/root ball.

### **Measuring PH**

1. Place a small soil sample (about half a teaspoon) on the testing plate provided.
2. Add a few drops of Indicator Liquid just enough to stir into a thick paste.
3. Dust the white Barium powder from puffer bottle onto the moist paste.
4. The white powder dusted on the paste, changes color within a minute.
5. Compare the color developed on the paste with the color chart provided to the nearest color and read the PH value.
6. Wash both plate and mixing rod thoroughly after each test to avoid cross contamination.

### **Changing PH**

To lower soil PH we recommend Manutec Sulphur.

To increase soil PH we recommend Manutec Garden Lime or Dolomite.

#### **CAUTION:**

Do not take internally

Store in a cool dry place

Away from children and pets