

Additional Supplies *(required)*

 Distilled or deionized water (100 mL/1cup for 10 tests)

 Timer (clock or watch)

Kit Contents

| QTY | Description | Code |
|------------|-----------------------------|--------------|
| 50 tablets | Soil pH TesTabs (50) | Code 5503A-H |
| 1 | Test tube with cap, plastic | Code 0106 |
| 1 | pH in Soil Color Chart | Code 5912-CC |

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 **LaMotte**

soil
pH TesTabs[®]

kit
CODE 5912

WARNING - this set contains chemicals that may be harmful, if misused. Read cautions on individual containers carefully. Not to be used by children except under adult supervision.

Soil Sampling & Preparation



1 cup



- Use a clean trowel, spoon, or dull knife to loosen the soil.
- Collect the soil from a depth of 2 to 6 inches.
- Collect several small samples from a single place and mix them together to get an "average" sample.
- Collect a total of about 1 cup of soil.
- Spread the soil sample out on a sheet of plastic wrap.
- Allow it to dry overnight if possible.
- Pick out any large leaves, stones or sticks and crush any lumps with the back of a plastic spoon. The dried soil may be passed through a sieve or a piece of screen.



1.

Fill a test tube (0106) to the 10 mL line with distilled or deionized water.



2.

Add 1 Soil pH TesTab (5503A).



3.

Fill test tube cap with soil.



4.

Pour the soil into the test tube.



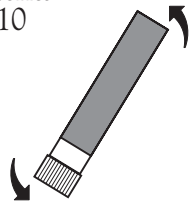
5.

Cap the tube



6.

Mix the contents by inverting 10 times.



7.

Stand test tube up right on a flat surface and let the soil settle out for 1 minute.



8.

Hold the test tube against the white part of the soil pH color chart. Match the color of the liquid above the soil to a color on the chart. Record results as pH.

