

## *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<sup>®</sup>**

*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.



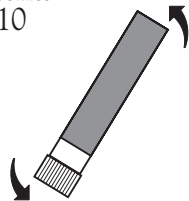
**5.**

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.

