Proper handling of chemical test equipment

This test equipment is designed to provide years of dependable service. Following these suggestions will help increase equipment performance:

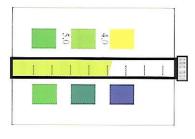
- 1. Carefully follow all instructions.
- 2. Do not handle tablets; dispense from cap to test tube.
- 3. Carefully wash and rinse all apparatus used.
- Tighten reagent caps immediately after use. Do not interchange caps.
- 5. Avoid prolonged exposure to direct sunlight.
- 6. Avoid temperature extremes.
- 7. Anticipate your requirements for replacement reagents.
- 8. Keep all reagent containers out of reach of young children.
- Reagents marked with an * are considered potential health hazards.Read MSDS at www.lamotte.com before use.

Read the Garden Guide Manual

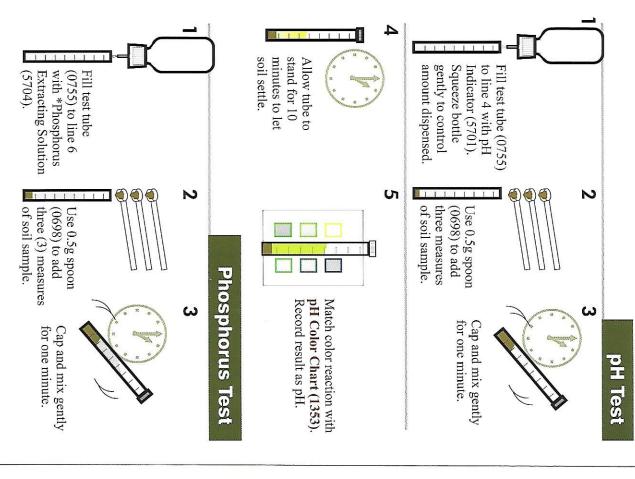
The accompanying Garden Guide Manual provides:

- Instructions on the proper collection and preparation of soil samples.
- 2. Essential information for interpretation of test results.
- 3. Lime and fertilizer recommendations.
- 4. A soil test record form.

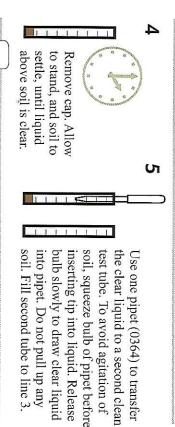
Reading the Color Charts

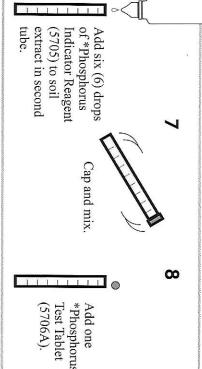


When matching a test color to a color chart, stand with the light source behind the observer and hold the test tube approximately one-half inch away from the color chart. If the color of a test reaction falls between two standard colors on a color chart, the mid-point between the two standard values is taken as the test result. For example, a pH test color reaction falling between the standard colors for pH 4.0 and pH 5.0 represents a test result of pH 4.5. In the other tests color reactions may either match, fall between, or fall beyond the three standard colors representing "Low," Medium," and "High." Therefore seven different test results are possible: Very Low, Low, Medium Low, Medium, Medium High, High, and Very High.

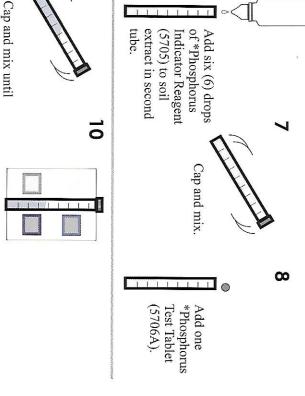


Phosphorus Test, continued



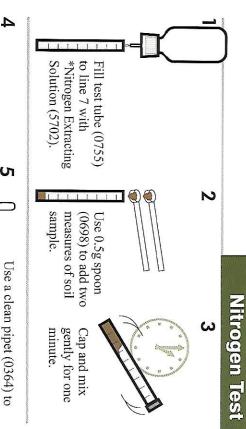


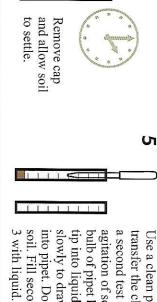
0

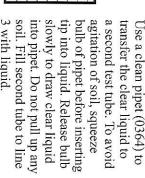


9

0









develop.

High Medium

+100 lb/acre

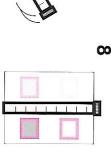
Low

0-50 lb/acre 50-100 lb/acre

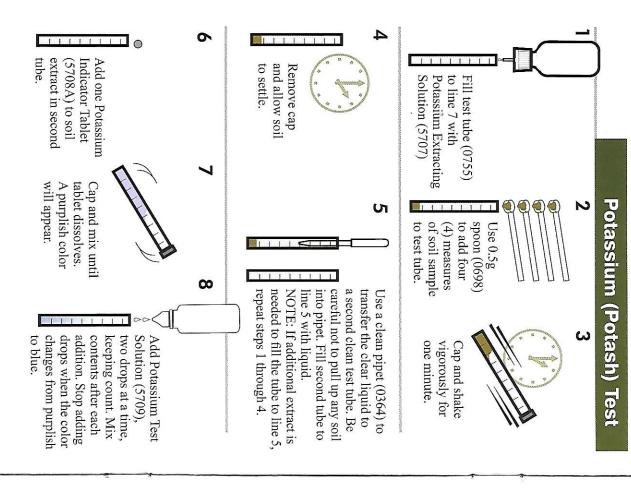
Record result as Phosphorus. Phosophorus Color Chart (1372).

A blue color will tablet dissolves.

Match color reaction with



High Medium Low Record as Nitrogen. Nitrogen Color Chart (1371). Match test color with 30-60 lb/acre 0-30 lb/acre +60 lb/acre



Potassium (Potash) Test, continued

9

Use Potassium End Point Color Chart (1352) as a guide in reading this color change. Keep an accurate count of the number of drops added. Read test result from table.



Low Medium High

+200 lbs/Acre

0-120 lbs/Acre

120-200 lbs/Acre