

## Soil Testing

### Rapitest pH Soil Tester

Designed for simplicity of use with accurate results. You'll appreciate the unique, easy, fast, specially designed "color comparator" and capsule system that make quick work of testing. Color comparator, 10 pH capsules, instructions.

277011 Rapitest pH Soil Tester \$5.90

### Soil pH Test Kits

Accurate pH testing is essential to determine lime requirements & to insure that a mineral-rich soil is also fertile. Morgan Method. Not for heavy clay soils. Duplex Indicator reagent, 5 Color Chart & Spot plate. 50 tests

511101 LaMotte Soil pH Test Kit, Model ST-T \$17.50  
512901 Model ST-M Morgan pH Test Kit \$78.50

**Ships separately from other items ordered.**

### LaMotte pH PLUS DIRECT Digital pH Meter

Laboratory precision in a portable water resistant design. Read pH, temperature, mV and concentration with microprocessor accuracy. Allow you to use ISEs to read concentration in ppm Memory for 25 test results.

512501 Model pH Plus Direct (Digital pH Meter) \$823.00  
500151 AC Adapter, 9V, Female, 5.5mm OD (110V) \$30.55  
500141 AC Adapter, 9V, 6P, Female, 5.5mm OD \$62.75

**Ships separately from other items ordered.**

### LaMotte pH Tracer

The TRACER offers direct reading of pH from 0.01 to 14.00 pH. The advantages of the TRACER include ease of use and maintenance, high accuracy, automatic calibration, and fast response.

511301 LaMotte pH Tracer w/ buffer tablets \$96.90

### LaMotte Dissolved Salt Meters

High levels of soluble salts in the soil can be caused by excessive fertilization, insufficient watering, poor drainage, by some contributing salt-water intrusion. High concentrations of soluble salts can inhibit plant growth.

511501 LaMotte Waterproof TDS PockeTester High \$96.90  
511511 LaMotte Waterproof TDS PockeTester Low \$96.90

### Rapitest Soil Test Kit

Plants need food (nutrients) for health growth. Nitrogen, Phosphorus and Potash (N, P and K for short), play a vital role in plant growth just as vitamins, minerals, carbohydrates and protein do in our health.

277101 Rapitest Soil Test Kit (pH, N, P, K), 10 tests \$19.90

### La Motte Garden Soil Test Kits

Do-it-yourself soil test kits. Accurate analysis for pH & the 3 basic macronutrients. Graduated plastic test tubes for measurement of the soil sample & reagent solutions. All results are compared to standard color charts (laminated).

500901 LaMotte Garden Soil Test Kit, Model EL \$61.90  
500911 LaMotte Garden Reagent Refill Kit, Model EL, \$59.90  
500701 LaMotte Deluxe Soil Test Kit, Model EM \$99.90  
500711 LaMotte Deluxe Reagent Refill, Model EM \$82.90  
511101 LaMotte Soil pH Test Kit, Model ST-T \$17.50

### LaMotte Turf Lab Field Unit

A unique method for colorimetric analysis of turf soils. Nutrients are measured as clear liquid-extracts and are read against translucent color standards in an Octa-Slide comparator. An efficient way of measuring soil nutrients.

500801 LaMotte Deluxe Turf Lab Model TL-2 \$679.90  
500811 LaMotte Turf Lab Refill Kit \$334.00

**Ships in two boxes. \$22.00 Hazardous Materials Charge.**

### Agricultural Outfits

#### Agricultural Outfits Model AST

Offers the finest visual color matching system available to today's agronomist. Extraction procedures based on Mehlich I extraction provide fast, simple and extremely accurate soil testing. Rugged, lightweight carrying case.

511901 Model AST-5 (Macronutrients, pH, & Humus) \$427.90  
511911 Model AST-5 - (Reagent Refill) \$293.90  
511801 Model AST-15, LaMotte Advanced Ag Soil Test \$899.00  
511811 Model AST-15 - Reagent Refill \$679.90

**Ships in two boxes. \$22.00 Hazardous Materials Charge.**

#### Agricultural Outfits Model STH

Based on Morgan soil test methods, reagent systems have been updated with advancements in modern chemistry. Rapid, accurate tests use standardized reagents to produce reactions measured against laminated color charts.

513201 Model STH-4 (Macronutrients & pH) \$347.00  
513211 Model STH-4 (Reagent Refill) \$153.00  
513301 Model STH-5 (Macronutrients, pH, & Humus) \$367.00  
513311 Model STH-5 (Reagent Refill) \$145.00  
513401 Model STH-7 (Macronutrients, pH, Humus, \$401.90  
513411 Model STH-7 (Reagent Refill) \$183.00  
513101 Model STH-14 (Macronutrients, Micronutrients, \$565.00  
513111 Model STH-14 (Reagent Refill) \$551.00

**Ships in two boxes. \$22.00 Hazardous Materials Charge.**

### LaMotte Electronic Soil Lab

A self-contained, electronic soil analysis laboratory that provides accurate answers anywhere for fifteen soil factors, including available forms of macronutrients and critical micronutrients.

522101 Smart 2 SCL-12 (Electronic Soil Lab) \$2639.00  
522111 Smart 2 SCL-12 (Reagent Refill) \$475.00  
512801 Model SCL-15, without meters (Electronic Soil \$1775.00  
512811 Model SCL-15 (Reagent Refill) \$461.90

**Ships separately from other items ordered.**

### Hydroponics Outfits

#### Hydroponics Combination Outfit

A portable outfit with simplified testing of nine essential nutrients at an economical price. Colorimetric tests use Octet Comparators with permanent color standards for accurate visual color comparison.

511701 Model AM-41 (Hydroponics Colorimeter Outfit) \$555.00  
511711 Model AM-41 (Reagent Refill) \$209.00

**Ships in two boxes. \$22.00 Hazardous Materials Charge.**

**Hydroponics 4-in-1 Test Kit**

Offers tests for pH and three key nutrient factors: nitrogen, phosphorus and potassium. It allows the hydroponic hobbyist to maintain proper nutrient balance and to achieve growing conditions in soil-less cultures.

512301	Model HP-1 (Hydroponics 4-in-1 Test Kit)	\$285.90
512311	Model HP-1 (Reagent Refill)	\$93.00

**Ships in two boxes. \$22.00 Hazardous Materials Charge.**

**pH Hydroponics Test Kit**

Simply add pH indicator reagent to the sample solution in a test tube for a color reaction. The resulting color is read in an Octet Comparator with permanent color standards for pH values. The kit has sufficient reagent for 50 tests.

512401	Model HPH (pH Hydroponics Test Kit)	\$55.90
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**Ships separately from other items ordered.**

Individual Test Kits

**Humus Test Kit**

Humus is organic matter which has decomposed to where it can contribute nutrients for plant uptake. Low to high in 5 increments, 1 1/2 - 8%. 50 tests.

511201	LaMotte Humus Test Kit STH-1	\$97.00
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**Due to the size and/or shape, ships separately.**

**Organic Matter Test Kit**

Organic matter is important to soil in that it serves as a reservoir for moisture and nutrients which will eventually become available to the plant. Range 0-16% by wt. Organic Matter.

25 tests.

513011	Model ST-OR, Organic Matter Test Kit	\$349.00
513021	Model ST-OR, Organic Matter Test Kit, Refill	\$120.90

**Ships in two boxes. \$22.00 Hazardous Materials Charge.**

**LaMotte Texture Test Kit**

The overall texture of a soil affects growth in the root zone, which determines the above-ground growth production, and is determined by the fractions of sand, silt, and clay present.

50 tests.

511011	LaMotte Soil Texture Kit	\$69.90
511021	LaMotte Soil Texture Kit Refill	\$16.90

**Due to the size and/or shape, ships separately.**

Sampling Equipment

**3 ft Chrome-Plated Steel Coring Tube**

This chrome-plated steel sampler takes samples in all types of soils to a depth of 3 feet (1m). The 12 inch (30 cm) sampling tube has a durable cutting tip and a cutaway wall for inspection and easy removal of the soil core.

522211	Soil Sampler - Coring Tube	\$278.00
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**Ships separately from other items ordered.**

**10 inch Galvanized Steel Soil Sampler**

The galvanized steel sampler has a saw-toothed cutting edge tapered for easy core removal. The cutaway side of the tube permits inspection of soil core. Takes a 1 inch core sample to a depth of 10 inches (25 cm).

522221	Soil Sampling Tube, Model EP, 1" x 10"	\$34.30
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**Ships separately from other items ordered.**

**LaMotte 6 inch Brass Soil Sampler**

Rugged brass auger designed for sampling turfgrass soil, greenhouse soils, or wherever a small core size is desirable; 3/8 inch diameter, 6 inch depth (1 x 15 cm). Brass handle doubles as a plunger for core removal.

522231	Soil Sampling Tube, Model GC-1, 3/8" x 6"	\$54.30
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**Ships separately from other items ordered.**

**Plastic Spot Plate**

This spot plate is made of white plastic and has two wells 24 x 8 mm deep. The draining channels are 8 mm wide x 3 mm deep run into smaller wells 10mm diameter x 4 mm deep. The plate is 85 mm x 75 mm.

522301	Spot Plate, Double, Plastic	\$7.25
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**Ships separately from other items ordered.**

**LaMotte Porcelain Spot Plate**

Glazed through with exception of bottom surface. The 112 x 92 mm plate is 7 mm thick and has twelve wells 5 mm deep.

522311	Spot Plate, Porcelain	\$35.90
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**Ships separately from other items ordered.**

**Standardized pH Buffer Solutions**

Standardized pH Buffer Solutions for use in calibration of pH meters. Add one buffer tablet to 20 mL of Deionized Water to produce buffers.

522401	Standardized 5.00 pH Buffer Solution, 500 ml	\$25.90
522501	Standardized 7.00 pH Buffer Solution, 500 ml	\$13.90
522601	Standardized 10.00 pH Buffer Solution, 500 ml	\$13.90

**Color-Coded pH Buffer Solutions**

Color-Coded pH Buffer Solutions for use in calibration of pH meters. Minute amount of color permits immediate visual distinction of different buffer values.

500411	Color Coded 4.01 pH Buffer Solution, 500 ml	\$13.00
500421	Color Coded 7.00 pH Buffer Solution, 500 ml	\$13.00
500401	Color Coded 10.0 pH Buffer Solution, 500 ml	\$13.00

**pH Buffer Tablets**

Economical and convenient pH Buffer Tablets for use in calibration of pH meters. Add one tablet to 20 mL of Deionized Water to produce buffers.

513501	pH 4.0 Mini Buffer Tablets, 50/box	\$35.90
513601	pH 7.0 Mini Buffer Tablets, 50/box	\$35.90
513701	pH 10.0 Mini Buffer Tablets, 50/box	\$35.90