

## 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.

2770 Rapitest pH Soil Tester



\$5.50

### 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

2764 LaMotte Soil pH Test Kit, Model ST-T

\$14.00

5023 Model ST-M Morgan pH Test Kit

\$76.70



**Ships separately from other items ordered.**

**20% restocking fee on this product.**

### Waterproof pHTester 10 & 2

Ideal for almost any soil or water analysis applications. The Waterproof pHTesters float and can be intermittently submerged to a depth of 3 feet. The Waterproof feature makes cleanup easy since the whole unit can be rinsed.

50088 LaMotte Waterproof pH PockeTester 10

\$113.25

50010 LaMotte Waterproof pH PockeTester 2

\$109.95

50020 LaMotte Waterproof pH PockeTester # 20

\$113.95



**20% restocking fee on this product.**

### 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.

1936 Model pH Plus Direct (Digital pH Meter)

\$645.10

1726 AC Adapter, 9V, Female, 5.5mm OD (110V)

\$30.60

1726.1 AC Adapter, 9V, 6IP, Female, 5.5mm OD

\$59.95



**Ships separately from other items ordered.**

**20% restocking fee on this product.**

### 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.

50080 LaMotte Waterproof TDS PockeTester Low

\$94.95

50081 LaMotte Waterproof TDS PockeTester High

\$94.95



**20% restocking fee on this product.**

### 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.

2771 Rapitest Soil Test Kit (pH, N, P, K), 10 tests

\$18.90



### 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).



2760 LaMotte The Garden Soil Test Kit, Model EL

\$52.50

2761 LaMotte Garden Reagent Refill Kit, Model EL,

\$50.05

2762 LaMotte Deluxe Soil Test Kit, Model EM

\$88.70

2763 LaMotte Deluxe Reagent Refill, Model EM

\$70.00

2764 LaMotte Soil pH Test Kit, Model ST-T

\$14.00

### LaMotte Greenhouse Soil Outfit

This outfit is a rugged, self-contained nutrient testing lab designed to enable the greenhouse operator to get fast professional test results. Includes battery-powered Model DHA 3000 pH meter and Model CDS 5000 Conductivity Meter.



5269.5 Model GS-01 (Reagent Refill)

\$172.05

5270.5 Model GS-02 (Reagent Refill) + Haz Mat

\$169.65

**Ships in two boxes. \$20.00 Hazardous Materials Charge.**

**20% restocking fee on this product.**

### Plant Tissue Testing Kits

Provides essential information concerning plant use of nutrients critical to their growth. These tests indicate whether growing plants are receiving adequate amounts of available nutrients from the soil. Reagents for 50 tests.



5026 Model PT-3R (Plant Tissue Macronutrient Kit)

\$88.35

5026.5 Model PT-3R - (Reagent Refill)

\$79.55

5261 Model PT-04 (Plant Tissue Micronutrient Kit)

\$98.00

5261.5 Model PT-04 (Reagent Refill)

\$88.90

**Ships in two boxes. \$20.00 Hazardous Materials Charge.**

**20% restocking fee on this product.**

### 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.



5414 LaMotte Deluxe Turf Lab Model TL-2

\$629.85

5414.5 LaMotte Turf Lab Refill Kit

\$300.80

**Ships in two boxes. \$20.00 Hazardous Materials Charge.**

**20% restocking fee on this product.**

## 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.



5410 Model AST-5 (Macronutrients, pH, & Humus)

\$387.70

5410.5 Model AST-5 - (Reagent Refill)

\$265.25

5412 Model AST-15, LaMotte Advanced Ag Soil Test

\$825.50

5412.5 Model AST-15 - Reagent Refill

\$616.70

**Ships in two boxes. \$20.00 Hazardous Materials Charge.**

**20% restocking fee on this product.**

**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.



5029	Model STH-4 (Macronutrients & pH)	\$310.95
5029.5	Model STH-4 (Reagent Refill)	\$138.35
5007	Model STH-5 (Macronutrients, pH, & Humus)	\$327.95
5007.5	Model STH-5 (Reagent Refill)	\$131.40
5061	Model STH-7 (Macronutrients, pH, Humus,	\$362.95
5061.5	Model STH-7 (Reagent Refill)	\$165.52
5010	Model STH-14 (Macronutrients, Micronutrients,	\$514.50
5010.5	Model STH-14 (Reagent Refill)	\$303.85

**Ships in two boxes. \$20.00 Hazardous Materials Charge. 20% restocking fee on this product.**

**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.



1985	Smart 2 SCL-12 (Electronic Soil Lab)	\$2469.40
1985.5	Smart 2 SCL-12 (Reagent Refill)	\$430.80
1988	Model SCL-15, without meters (Electronic Soil	\$1603.55
1988.5	Model SCL-15 (Reagent Refill)	\$417.65

**Ships separately from other items ordered. 20% restocking fee on this product.**

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.



5406	Model AM-41 (Hydroponics Colorimeter Outfit)	\$503.30
5406.5	Model AM-41 (Reagent Refill)	\$207.25

**Ships in two boxes. \$20.00 Hazardous Materials Charge. 20% restocking fee on this product.**

**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.



3561	Model HP-1 (Hydroponics 4-in-1 Test Kit)	\$258.50
3561.5	Model HP-1 (Reagent Refill)	\$83.95

**Ships in two boxes. \$20.00 Hazardous Materials Charge. Not Registered for Sale in the State of CA 20% restocking fee on this product.**

**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.



5074	Model HPH (pH Hydroponics Test Kit)	\$50.65
5074.5	pH Hydroponics Refill (Model HPH)	\$6.95

**Ships separately from other items ordered. 20% restocking fee on this product.**

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.



50120	LaMotte Humus Test Kit STH-1	\$87.25
-------	------------------------------	---------

**Due to the size and/or shape, ships separately. 20% restocking fee on this product.**

**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.



5020	Model ST-OR, Organic Matter Test Kit	\$315.20
5020.5	Model ST-OR, Organic Matter Test Kit, Refill	\$109.00

**Ships in two boxes. \$20.00 Hazardous Materials Charge. 20% restocking fee on this product.**

**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.



1067	LaMotte Soil Texture Kit	\$57.20
1067.1	LaMotte Soil Texture Kit Refill	\$13.35

**Due to the size and/or shape, ships separately. 20% restocking fee on this product.**

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.



1016	Soil Sampler - Coring Tube	\$205.70
------	----------------------------	----------

**Ships separately from other items ordered. 20% restocking fee on this product.**

**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).



1055 Soil Sampling Tube, Model EP, 1" x 10" \$29.20

**Ships separately from other items ordered.  
20% restocking fee on this product.**

**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.



1159 Soil Sampling Tube, Model GC-1, 3/8" x 6" \$45.20

**Ships separately from other items ordered.  
20% restocking fee on this product.**

**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.



0159 Spot Plate, Double, Plastic \$5.65

**Ships separately from other items ordered.  
20% restocking fee on this product.**

**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.



2537 Spot Plate, Porcelain (112 x 92 mm) \$24.80

**Ships separately from other items ordered.  
20% restocking fee on this product.**

**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.



2871 Standardized 5.00 pH Buffer Solution, 500 ml \$21.15  
 2881 Standardized 7.00 pH Buffer Solution, 500 ml \$11.00  
 2896 Standardized 10.00 pH Buffer Solution, 500 ml \$11.00

**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.



3771 Color Coded 4.01 pH Buffer Solution, 500 ml \$10.60  
 3772 Color Coded 7.00 pH Buffer Solution, 500 ml \$10.60  
 377301 Color Coded 10.0 pH Buffer Solution, 500 ml \$10.60

**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.



3983 pH 4.0 Mini Buffer Tablets, 50/box \$26.20  
 3984 pH 7.0 Mini Buffer Tablets, 50/box \$26.20  
 3985 pH 10.0 Mini Buffer Tablets, 50/box \$26.20