



Code 5023-01



Code 5024



Code 1067

pH

Model ST-M · Code 5023-01 · R2 [3]

Model ST-T · Code 5024 · R1 [1]

The pH value affects all mineral elements and the biological processes made available to plants from the soil. Accurate pH testing is essential to determine lime requirements and to insure that a mineral-rich soil is also a fertile one.

Code/Model	Method	Range & Sensitivity	Reagent System	# of Tests
5023-01/ST-M	5 Color Charts & Spot plate Morgan Method	pH 3.8-8.4 in 0.2 increments [not for heavy clays]	5 individual pH indicators	50
5024/ST-T	Color Chart & Spot Plate	pH 4.0, 5.0, 6.0, 7.0, 8.0	Duplex Indicator	100

Texture

Code 1067 · NH [2]

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.

Code	Method	Range & Sensitivity	Reagent System	# of Tests
1067	Settling	Determines sand, silt, & clay fraction, texture determined by chart	Dispersion, Flocculation	50

Plant Tissue Testing

Plant tissue testing provides essential information concerning plant use of nutrients vital to their growth. These simplified field tests for green plant tissue indicate whether growing plants are receiving adequate amounts of available nutrients from the soil. All tests give qualitative results for the specific nutrients. By comparing test results from healthy and problem plants, it is possible to pinpoint deficiencies or excessive nutrient conditions.

Macronutrient Plant Tissue Kit

Model PT-3R · Code 5026-01 · LQ [3]

Reagent Refill · Code R-5026 · LQ [2]

A complete kit for determining nitrates, phosphorus and potassium in plant tissue. Diced green plant tissue is saturated in a Universal Extracting Solution to prepare a single liquid extract for use with all three tests. **Qualitative results given as abundant, adequate, deficient only.** Reagents for 50 tests per factor.



Code 5026-01

Micronutrient Plant Tissue Kit

Model PT-04 · Code 5261-01 · R1 [3]

Reagent Refill · Code R-5261 · R1 [2]

Includes tests for ferrous and ferric iron, zinc, copper, manganese and boron. Each test is made from the sap of plant tissues, which is extracted by squeezing the tissue with pliers. Comparative tests are made between a healthy plant and a similar one showing deficiency symptoms. **“Spot” tests indicate presence or absence only.** Reagents for 50 tests each factor.



Code 5261-01