

Nutrient Management

Management solutions for:

- Nitrate, potassium, and sodium monitoring
- Tissue sap sampling
- Soil/Water macro nutrient sampling

Horiba Cardy Ion Meters

Exceptionally small and portable, Cardy meters literally put the power of laboratory nutrient measurement right in your hands! The Cardy's unique, flat sensor allows you to conveniently and accurately measure small samples. The sensor is stored dry and is field-replaceable. Their accuracy correlates well with laboratory analysis with automatic range switching from 0 to 9,900 ppm.

Rated No. 1 for ease of use in an independent comparison of in-field quick tests, Cardy meters are readily endorsed by university researchers, extension personnel, soil laboratories and many other satisfied users. Each meter comes complete with carrying case, standards, accessories, and a 15-sample soil test kit.

SAMPLE OF GUIDELINES – UC DAVIS

Crop	Stage	Dry Wt. Nitrate-N	Sap Nitrate-N
Tomato	First bloom	10,000–14,000 ppm	700–900 ppm
	1-inch fruits	8,000–9,000	500–600
	First harvest	5,000–6,000	400–500
	Final harvest	3,000–4,000	300–400

University guidelines available for your vegetable crop at www.specmeters.com.

Nutrient Measurement Units

2300 Cardy Nitrate NO₃⁻ Meter 2400

Cardy Potassium K⁺ Meter

2500 Cardy Sodium Na⁺ Meter

[™]G[™] meters do not include materials & standards for mineral soil tests

STANDARDS – Replenishments

2338 450 ppm NO₃⁻ N DI 30 ml

2339 20 ppm NO₃⁻ N DI 30 ml

2414 150 ppm K⁺ DI 30 ml

2418 2,000 ppm K⁺ DI 30 ml

2510 Solution Set – Na⁺

Soil Kits and Accessories

2329 Soil Nitrate Kit w/30 Samples

2434 Soil K⁺ Kit w/30 Samples

2125 Sampling Sheets – 2 Rolls

2135 Sampling Sheets – 4 Rolls

2725 Handheld Plant Sap Press

Replacement Sensors

2340 Nitrate NO₃⁻ Sensor

2440 K⁺ Potassium Sensor

2540 Na⁺ Sodium Sensor

Hydraulic Plant Sap Press

Speed up collection of large samples with our Hydraulic Plant Sap Press which provides a rapid, easy-to-use method for collecting larger samples. The press extracts sap into a collection vial and comes complete with plunger, grate, cylinder, expeller rod and six collection vials.

Item 2720 Hydraulic Plant Sap Press



Client Testimonial

At Z22 we grow around 1500 hectare tomatoes and 400 hectare onions annually. Our erratic rainfall and temperature fluctuations make the Cardy meter most valuable for fine tuning individual fields and protocol.

Ben Durand, Z22
Mooketsi Limpop, South Africa

