

Agriculture

In agricultural applications, monitoring the quality of the soil is extremely important for the healthy growth of crops. The pH level is an excellent guide as to which plants may thrive in a particular terrain, as well as indicating which fertilizers to use. HANNA instruments' combination test kits allow you to test not only for pH, but for nitrogen, phosphorous and potassium as well, which are just as important for the quality of soil.

HI 3895 and HI 3896 are very easy to use: The sample of soil, diluted in water, reacts with the chemical reagents supplied in the kit. The result is a colored solution which is compared to the chart provided to determine the concentration of the element tested. The concentration is given in easily-understood trace, low, medium and high ranges.

The professional HI 3896 kit is supplied with an extraction solution which facilitates the precipitation of suspended solids so that measurement can be taken immediately.

HI 3895 comes with all the necessary components for 10 tests.

HI 3896 provides for 25 tests and includes a useful guide to measurement.



HI 3895 - Agriculture Test Kit

Parameter	Method	Range	Chemical Method	Number of Tests
Nitrogen	Colorimetric	traces, low, medium, high	Ned	10
Phosphorus	Colorimetric	traces, low, medium, high	Ascorbic acid	10
pH	Colorimetric	4 to 9 pH (1 pH increments)	pH indicator	10
Potassium	Turbidimetric	traces, low, medium, high	Tetraphenylborate	10

Other Information

Dimensions	113 x 113 x 62 mm (4.4 x 4.4 x 2.4")
Weight	105 g (3.7 oz.)

HI 3896 - Agriculture Test Kit, Professional

Parameter	Method	Range	Chemical Method	Number of Tests
Nitrogen	Colorimetric	traces, low, medium, high	Ned	25
Phosphorus	Colorimetric	traces, low, medium, high	Ascorbic acid	25
pH	Colorimetric	4 to 9 pH (1 pH increments)	pH indicator	25
Potassium	Turbidimetric	traces, low, medium, high	Tetraphenylborate	25

Other Information

Dimensions	235 x 176 x 117 mm (9.2 x 6.9 x 4.6")
Weight	710 g (1.6 lb.)

For spare reagents, see section V. For accessories, see section U.