

Nitrate Plant Sap Kit

Plant sap analysis has been used by growers to manage crop nutrient content and fertilization strategies. A plant sap test gives a view of the nutrients available for the plant, at that time, for growth or development. It directly shows if a crop suffers from a nutrient deficiency or an excess.



Results in 3 steps



1. Cut the petioles or leaves



2. Squeeze out the sap with the Sap Press



3. Pour the sap on the meter and measure.

Find out more in our application notes.

Nutrient concentrations in Tomato plant sap

Fertigation management requires rapid and accurate methods to determine nutrient concentrations in soil solution and plant sap. Folegatti et al (2005) found that the concentrations of NO_3^- , K^+ , and Na^+ in soil solution and tomato plant sap determined by LAQUAtwin ion pocket meters showed good correlations with those obtained in soil solution and in leaf dry matter [scan the QR code to read more].....

Potassium Determination in Plant Tissue

The pocket-sized LAQUAtwin Potassium Ion meter is ideal for on-site testing as it provides quick result with just a few drops of sample that doesn't require tedious preparation. It eliminates the need to transport samples to a laboratory for costly and time-consuming ICP spectrometry analysis.

Scan the QR code to find more applications



Create your own LAQUA Agri kit

The 4M LAQUAtwin standard kit can be transformed into a powerful tool for the agriculture market, having all essential measurement parameters in one, easy to carry, case.



Add the plant sap kit

Add a pH and conductivity meter

Add your own Brix meter