



HORTICULTURE TESTING



Reap the benefits
of a healthy crop

hill-labs.co.nz



RELIABLE

You can count on us



SUPPORTIVE

Eager to help



RESPONSIVE

What do you need?



LOCAL

Committed to Aotearoa New Zealand



TRUSTED

Since 1984

Testing with Hill Labs gives you the opportunity to test at key points in the life cycle of a crop, in a wide range of growing systems.

Having the full picture gives you the tools you need to make better decisions for your crops. We can do all of your horticultural testing - from soil through to plant and leaf, irrigation water, residues and microbiology testing.

Microbiology



Soil

Soil testing takes the guess work out of nutrient management and allows cost effective fertiliser programmes to be produced, targeting fertiliser applications where they are most required to meet your growing objectives. Soil testing can also include measures for assessing soil health.

Microbiological testing of fruit and vegetable products detects the presence of bacteria and fungi, such as Listeria. We use PCR and TEMPO technology to provide timely, accurate results for customers. Testing is mandatory to ensure samples comply with industry, New Zealand and international regulatory requirements for food consumption. We can also test products for shelf life.

Testing for Horticulture

Residues



Our food testing laboratories can test for over 600 different pesticide residues in a wide range of fruit, vegetables and food products. We use high-tech instruments to carry out residue analyses, helping growers and exporters ensure they meet maximum residues limits (MRLs) set by purchasing companies, supermarket chains, government agencies or importing countries. We also offer heavy metal, elemental assays and basic nutritional information panel testing to make sure food is safe for consumption.



Plant & Leaf

Plant analysis is a valuable diagnostic and monitoring tool that should be used to complement soil analysis. A soil test shows what soil nutrients are available to the crop, while a plant test shows what nutrients the crop has actually taken up. In this way, plant tests provide a more reliable assessment of crop nutrient status.

Plant analysis can be used in two ways:

- To routinely monitor nutrients to help sustain optimum levels and thus avoid nutritional disorders
- To identify nutrient deficiencies, toxicities or imbalances. Low plant nutrients are often due to low soil nutrient levels, but this is not always the case.

Interpretation criteria are specific to plant species, part of plant sampled and growth stage of the plant.



Irrigation Water

Irrigation water often has significant levels of dissolved salts, meaning it can have a detrimental effect on the irrigated soil and pumping equipment used. Routine water testing can identify any potential or current issues that will effect the productivity of irrigated land and any associated water resources.



In 1984 we made a commitment to rural New Zealand. Today that promise is as strong as ever, with a complete package of testing available for the rural market.

We would love to hear from you!

Contact us today to talk to one of our friendly Client Services Managers to find out more.

Get in touch

FREephone **0508 HILL LAB** (44 555 22)
EMAIL ag.csm@hill-labs.co.nz

