

STATES ANALYST'S LABORATORY

ROUTINE SOIL ANALYSIS & PLANT PATHOLOGY SERVICES 2018

Analytical Laboratory Services
pH, N, P & K only
Basic Soil / Compost Analysis N, P, K, Mg, Ca, Na
Basic Nutrient, Plant Sap or Water Analysis N, P, K, Mg, Ca, Na
Full Nutrient, Plant Sap or Water Analysis N, P, K, Mg, Ca, Na, Fe, Cu, Zn, Mn, B, Bicarb
Individual Nutrient Determinations N, P, K, Mg, Ca, Na, Fe, Cu, Zn, Mn, B, Bicarb
Cf or pH determination
Pathology Laboratory Services
Soil test for Potato Cyst Nematode (PCN)
Soil test for free living nematodes
Plant Virus testing
Diagnostic examination of plants
Other Services
On site visits and advice.

Advice on Samples

Samples should be representative of the area you wish to test. For example use a zig-zag pattern across the area to be sampled taking 10-20 smaller samples depending on the size of the sampled area. Sample soils to a depth of approximately 6 inches (15cm) using an auger if you have one or a garden trowel.

Sample Sizes

Soil / Compost: 2-3 cupfuls of soil / compost mixed from the total sampled.

Water / nutrient solution: A minimum of 500mls of liquid in a clean container.

Sap Analysis: 25g of green plant material (leaves & stems).

Plant Pathology Samples

Please bring in a representative sample, in a plastic bag, showing the full range of symptoms that you have seen.

If applicable bring in plant material that shows the boundary between healthy and diseased tissue and include healthy material for comparison.

If you suspect that the problem may relate to the roots or soil, also include roots and their surrounding soil in your sample.

Photographs of the location and scope of the problem can also be helpful.