

# Full range of tests available through APAL

TEST OPTIONS	Prices valid until 31/12/2010	Price/sample (incl. GST)
<b>SOIL TEST Option A - APAL Premium Test</b>	<b>Full Report</b>	
TEC, OM, pH (water), N, S, P (Olsen /Bray 2), P-Recovery %, Ca, Mg, K, Na, EC, B, Fe, Mn, Cu and Zn. Base saturation percentages and interpretation of cation balance (Ca:Mg:K:Na Ratio), calculation of lime, dolomite and gypsum requirements - all expressed in kg/ha to allow easy calculation of fertiliser needed		\$159.50
<b>SOIL TEST Option B - APAL Soil Premium Test</b>	<b>Data Graph</b>	\$121.00
+ Chlorides as additional test to Option A or B		\$5.50
+ Molybdenum as additional test to Option A or B		\$11.00
+ Cobalt as additional test to Option A or B		\$11.00
+ Aluminium as additional test to Option A or B		\$11.00
+ Nitrogen NO <sub>3</sub> and NH <sub>3</sub> as additional test to Option A and B		\$11.00
<b>Garden Soil Test - Standard Test + Cl &amp; Full Report</b> with more detailed recommendations for gardeners		\$176.00
<b>Soil Biological Activity Test</b> - an indicator of soil microbial activity based on CO <sub>2</sub> evolution		\$55.00
<b>Reams Test - Analysis &amp; Data only</b> A test for Ca, Mg, K, Na and P. Gives a snapshot of plant available nutrients by using the Morgan extracting solution.		\$49.50
<b>Reams Test in Addition to Option A or B - Data only</b>		\$33.00
<b>PLANT TISSUE ANALYSIS</b>		
Standard Test: N, NO <sub>3</sub> , P, K, Ca, Mg, Na, S, Cu, B, Fe, Mn, Zn, Al, Cl.		
(A)- Plant Tissue	- Full Report	\$110.00
	-Data Graph Only	\$60.50
(B)- Plant Tissue Plus (+ Mo)	- Full Report	\$115.50
	- Data Graph Only	\$66.00
(C)- Plant Tissue Premium (Mo + Co)	- Full Report	\$121.00
	- Data Graph Only	\$71.50
(D)- Pasture & Legumes (Mo + Co)	-Full Report	\$121.00
	- Data Graph Only	\$71.50
(E)- Fodder & Grain <b>MINERAL</b> ( N, P, K, Ca, Mg, Na, S, Cu, B, Fe, Mn, Zn, Cl, Co, Mo)	- Full Report	\$121.00
	- Data Graph only	\$71.50
(F)- Pasture, Fodder & Grain <b>FEED TEST</b> ( DM, DMD, ME, CP, NDF, ADF, Ash, Fat )	- Full Report	\$82.50
	- Data Graph Only	\$60.50
(G) Selenium on any sample		\$55.00
<b>COMMERCIAL MANURE / COMPOST TEST</b>	<b>Analysis &amp; Full Report</b>	\$236.50
Total Kjeldahl N, pH, Salinity Ec, B, Ca, Cu, Fe, K, Mg, Mn, Na, P, S, Zn, Mo, Carbon/Nitrogen Ratio, Organic Matter and Total Carbon (from Organic Matter), Cl & Moisture Content. Tested to <b>Australian Compost Standards (AS4454)</b> Including interpretive report and recommendations.		
<b>MANURE / COMPOST NUTRIENT TEST</b>	<b>Data Excel Format only</b>	\$93.50
(Major & Minor Elements): N, B, Ca, Co, Cu, Fe, K, Mg, Mo, Mn, Na, P, S, Zn & Moisture Content.		
<b>Solid Fertiliser Test</b>	<b>Analysis &amp; Data in Excel Format</b>	\$82.50
N, P, K, Ca, Mg, Na, S, Cu, B, Fe, Mn, Zn, Al, Co, Mo (no Nitrate)		
<b>Liquid Fertiliser Test</b>	<b>Analysis &amp; Data in Excel Format</b>	\$93.50
N, P, K, Ca, Mg, Na, S, Cu, B, Fe, Mn, Zn, Al, Co, Mo, Cl & NO <sub>3</sub> .		
<b>HEAVY METALS TEST</b>	<b>Analysis &amp; Full Report</b>	\$330.00 1sample \$198.00 ea for 2 samples \$165.00 ea for 3+ samples
Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Mercury, Molybdenum, Nickel, Selenium, Tin, Vanadium and Zinc.		
<b>PESTICIDE RESIDUES OC &amp; OP</b>	<b>Analysis &amp; Full Report</b>	\$330.00 1 sample \$231.00 ea for 2 samples \$198.00 ea for 3+ samples
A test for 20 individual organo-chlorine OC and 11 individual organo-phosphate OP pesticides.		
<b>LIME / DOLOMITE TEST</b>	<b>Analysis &amp; Full Report</b>	\$82.50
Ca, CaO, CaCO <sub>3</sub> , Mg, MgO, MgCO <sub>3</sub> , S, fineness of grind, TNV and ENV.		
<b>GYP SUM TEST</b> Ca, Mg, S, % Purity.	<b>Analysis &amp; Full Report</b>	\$77.00
<b>WATER TEST (IRRIGATION &amp; LIVESTOCK)</b>	<b>Analysis &amp; Full Report</b>	\$121.00
Conductivity Ec dS/cm, SAR, TDS mg/L, pH, Cu, Fe, Zn, B, Co, Mn, Al, Mo, Ca, K, Mg, Na, P, S, Cl and NO <sub>3</sub> .		
<b>Reporting Options</b>		
<b>Full Report</b> Results are presented in a colour graph report and in addition, a full report from our independent consultants, with interpretation and a recommended program.		
<b>Data Graph Only</b> Standard analysis as above and results presented in colour graph report, specific to the soil, plant or crop tested, without a consultant's report.		
<b>Data in Excel Format ONLY</b> available to consultants and agents.		
<b>SOIL PROBE</b> Engineered stainless steel 15cm tapered tube mounted on painted handle to allow manual step-on core sampling method. PLUS \$10 for postage and handling (incl. GST)		\$104.50 ea