

Full range of tests available through APAL

TEST OPTIONS	<i>Prices valid until 31/12/2010</i>	Price/sample (incl. GST)
SOIL TEST Option A - APAL Premium Test	Full Report	
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
SOIL TEST Option B – APAL Soil Premium Test	Data Graph	\$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 ₃ and NH ₃ as additional test to Option A and B		\$11.00
Garden Soil Test – Standard Test + Cl & Full Report with more detailed recommendations for gardeners		\$176.00
Soil Biological Activity Test – an indicator of soil microbial activity based on CO ₂ evolution		\$55.00
Reams Test - Analysis & Data only A test for Ca, Mg, K, Na and P. Gives a snapshot of plant available nutrients by using the Morgan extracting solution.		\$49.50
Reams Test in Addition to Option A or B - Data only		\$33.00
PLANT TISSUE ANALYSIS		
Standard Test: N, NO ₃ , 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 MINERAL (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 FEED TEST (DM, DMD, ME, CP, NDF, ADF, Ash, Fat)	– Full Report	\$82.50
	– Data Graph Only	\$60.50
(G) Selenium on any sample		\$55.00
COMMERCIAL MANURE / COMPOST TEST	Analysis & Full Report	\$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 Australian Compost Standards (AS4454) Including interpretive report and recommendations.		
MANURE / COMPOST NUTRIENT TEST	Data Excel Format only	\$93.50
(Major & Minor Elements): N, B, Ca, Co, Cu, Fe, K, Mg, Mo, Mn, Na, P, S, Zn & Moisture Content.		
Solid Fertiliser Test	Analysis & Data in Excel Format	\$82.50
N, P, K, Ca, Mg, Na, S, Cu, B, Fe, Mn, Zn, Al, Co, Mo (no Nitrate)		
Liquid Fertiliser Test	Analysis & Data in Excel Format	\$93.50
N, P, K, Ca, Mg, Na, S, Cu, B, Fe, Mn, Zn, Al, Co, Mo, Cl & NO ₃ .		
HEAVY METALS TEST	Analysis & Full Report	
Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Mercury, Molybdenum, Nickel, Selenium, Tin, Vanadium and Zinc.		\$330.00 1sample \$198.00 ea for 2 samples \$165.00 ea for 3+ samples
PESTICIDE RESIDUES OC & OP	Analysis & Full Report	
A test for 20 individual organo-chlorine OC and 11 individual organo-phosphate OP pesticides.		\$330.00 1 sample \$231.00 ea for 2 samples \$198.00 ea for 3+ samples
LIME / DOLOMITE TEST	Analysis & Full Report	\$82.50
Ca, CaO, CaCO ₃ , Mg, MgO, MgCO ₃ , S, fineness of grind, TNV and ENV.		
GYP SUM TEST Ca, Mg, S, % Purity.	Analysis & Full Report	\$77.00
WATER TEST (IRRIGATION & LIVESTOCK)	Analysis & Full Report	\$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 ₃ .		
Reporting Options		
Full Report Results are presented in a colour graph report and in addition, a full report from our independent consultants, with interpretation and a recommended program.		
Data Graph Only Standard analysis as above and results presented in colour graph report, specific to the soil, plant or crop tested, without a consultant's report.		
Data in Excel Format ONLY available to consultants and agents.		
SOIL PROBE 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