



Agricultural Laboratory

Price List

Prices valid until 31 December 2016





APAL Agricultural Laboratory is an innovative locally owned company providing soil, plant and water analytical services. APAL is independent and accredited with a commitment to accuracy and quality of data, providing prompt delivery of results.

APAL Agricultural Laboratory- Pricelist- valid until 31st December 2016 (Edition 1)

Soil Reporting Options -

All pricing is based on data only. Additional charges apply for Technical and Premium reporting formats.

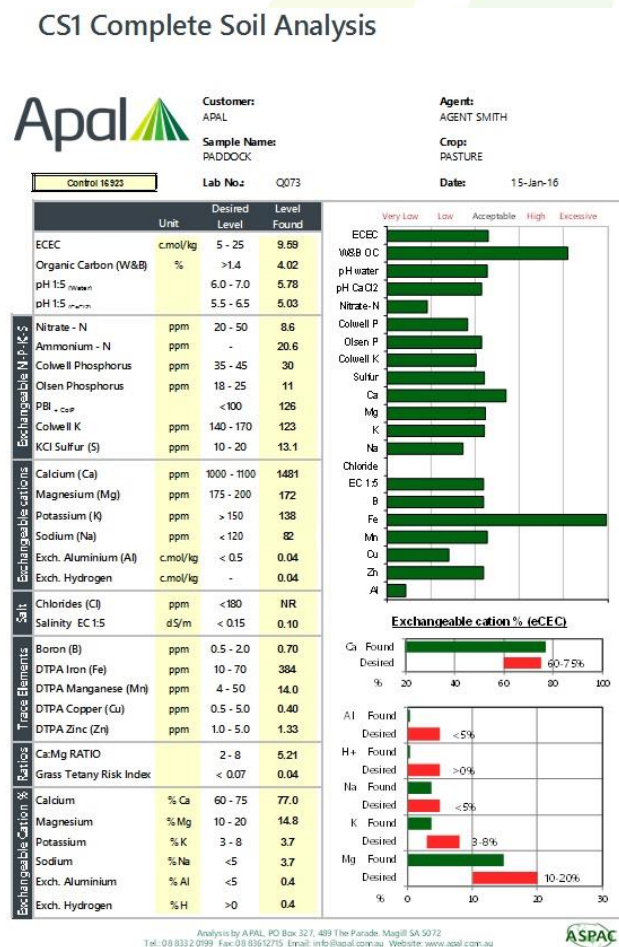
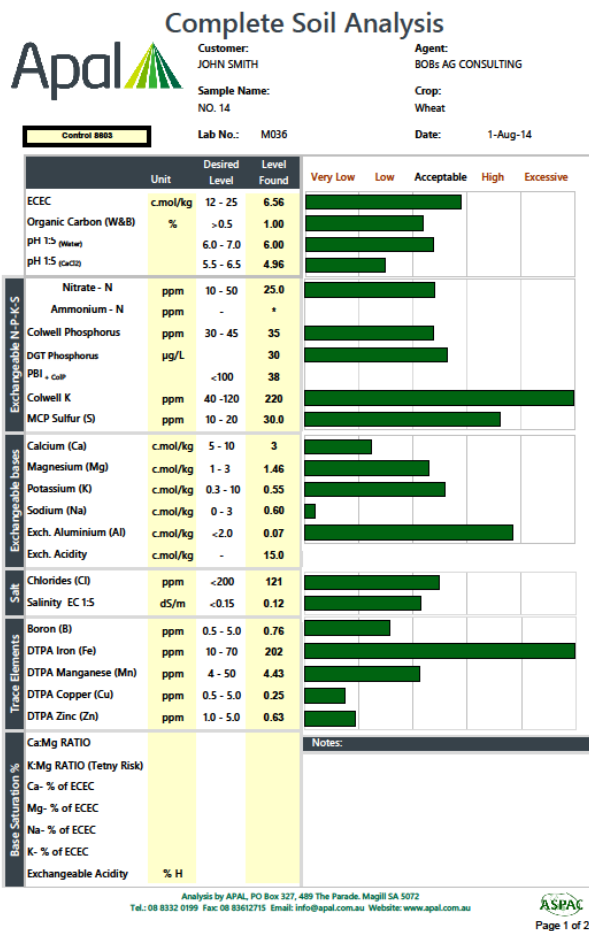
Item Code	Soil Reporting Options	Excl. GST	Inc. GST
	Data Only	\$0.0	\$0.0
R1	Technical Report (example www.apal.com.au)	\$7.50	\$8.25
R2	Premium Report (example www.apal.com.au)	\$13.50	\$14.85

Technical Report Example

For detailed view: www.apal.com.au

Premium Report Example

For detailed view: www.apal.com.au



Soil Analysis Groups – Complete (Colwell P)

All Complete soil analysis groups come with Colwell P and are available with MCP or KCL Sulfur. If you are unsure on which one you should be using please consult APALs soil test interpretation guide or speak to APAL or your local agronomist/advisor. Sulfur method will depend on calibration research for your crop and region. KCL method will generally apply to southern regions and MCP to Northern regions of Australia.

Item Code	Complete Soil Analysis (Colwell P)	Excl. GST	Inc. GST
CS1	Complete Soil (KCL Sulfur) Includes pH (Water & CaCl), EC, Organic Carbon, Nitrate N, Ammonium N, PBI, ECEC, Aluminium and exchangeable acidity, Sulfur (KCL) , Colwell K, Colwell P , Exchangeable Cations (Ca, Mg, K, Na), DTPA Trace elements (Mn, Zn, Cu, Fe), Boron	\$108.00	\$118.80
CS2	Complete Soil (MCP Sulfur) Includes pH (Water & CaCl), EC, Organic Carbon, Nitrate N, Ammonium N, PBI, ECEC, Aluminium and exchangeable acidity, Sulfur (MCP) , Colwell K, Colwell P , Exchangeable cations (Ca, Mg, K, Na), DTPA Trace elements (Mn, Zn, Cu, Fe), Boron	\$108.00	\$118.80
R1	Complete Soil (CS1 or CS2) plus Technical Template	\$115.50	\$127.05
R2	Complete Soil (CS1 or CS2) plus Premium Template	\$121.50	\$133.65
	Standard Soil Analysis (Colwell P)	Excl. GST	Inc. GST
SS1	Standard Soil (KCL Sulfur) Includes pH (Water & CaCl), EC, Organic Carbon, Nitrate N, Ammonium N, PBI, ECEC, Aluminium and exchangeable acidity, Sulfur (KCL) , Colwell K, Colwell P , Exchangeable cations (Ca, Mg, K, Na)	\$90.00	\$99.00
SS2	Standard Soil (MCP Sulfur) Includes pH (Water & CaCl), EC, Organic Carbon, Nitrate N, Ammonium N, PBI, ECEC, Aluminium and exchangeable acidity, Sulfur (MCP) , Colwell K, Colwell P , Exchangeable cations (Ca, Mg, K, Na)	\$90.00	\$99.00
R1	Standard Soil (SS1 or SS2) plus Technical Template	\$97.50	\$107.25
	Basic Soil Analysis (Colwell P)	Excl. GST	Inc. GST
BS1	Basic Soil (KCL Sulfur) Includes pH (Water & CaCl), EC, Organic Carbon, Nitrate N, Ammonium N, PBI, Sulfur (KCL) , Colwell K, Colwell P	\$72.00	\$79.20
BS1	Basic Soil (MCP Sulfur) Includes pH (Water & CaCl), EC, Organic Carbon, Nitrate N, Ammonium N, PBI, Sulfur (MCP) , Colwell K, Colwell P	\$72.00	\$79.20
R1	Basic Soil (BS1) plus Technical Template	\$79.50	\$87.45

Premium (Olsen/Bray P)

Premium groups come with Olsen and Bray 2 Phosphorus as standard. They differ from the complete group in that Total N is tested rather than Nitrate and Ammonia. MCP is the default sulfur option in the premium group.

Item Code	Premium Soil Analysis	Excl. GST	Inc. GST
PS1	Premium Soil (Olsen/Bray P) Includes pH (Water & CaCl), EC, Organic Carbon, Nitrate N, Ammonia N, PBI, ECEC, Aluminium and exchangeable acidity, Sulfur (MCP), Olsen + Bray 2 P , Exchangeable Cations (Ca, Mg, K, Na), DTPA Trace elements (Mn, Zn, Cu, Fe), Boron	\$108.00	\$118.80
	Premium Soil (PS1) plus Technical Template	\$115.50	\$127.05
	Premium Soil (PS1) plus Premium Template	\$121.50	\$133.65

Deep Soil Analysis –

Item Code	Deep Soil Analysis	Excl. GST	Inc. GST
DS1	Basic (Data Only) Nitrate N, Ammonia N	\$26.50	\$29.15
DS2	Basic + Sulfur (Data Only) Nitrate N, Ammonia N, Sulfur	\$38.50	\$42.35
DS3	Standard (Data Only) Nitrate N, Ammonia N, pH (Water & CaCl)	\$36.00	\$39.60
DS4	Complete (Data Only) Nitrate N, Ammonia N, pH (Water & CaCl), EC, Sulfur (KCL), Boron	\$54.00	\$59.40
DS5	Complete + Chloride (Data Only) Nitrate N, Ammonia N, pH (Water & CaCl), EC, Sulfur (KCL), Boron, Chloride	\$63.50	\$69.85
DS6	Yield Prophet New (Data Only) Nitrate N, Ammonia N, pH (Water & CaCl), EC, Organic Carbon, Cl	\$54.00	\$59.40
DS7	Sub Soil Health Check (Data Only) pH (Water & CaCl), EC, B, Cl	\$48.00	\$52.80
DS8	Sub Soil Health Check + Subsoil Cations (Interactions) (Data Only) pH (Water & CaCl), EC, B, Cl + Exchangeable Cations (Ca, Mg, K, Na)	\$60.00	\$66.00

DGT Phosphorus Analysis –

Item Code	DGT Analysis	Excl. GST	Inc. GST
	<i>APAL supports and promotes DGT Phosphorus testing. DGT is available as an extra with all test groups. For DGT projects or submissions please contact us for a custom quote.</i>		

Winery (EPA Winery Waste Water Disposal) – Soil Analysis

Item Code		Excl. GST	Inc. GST
EPA 1	Winery EPA Waste Water Disposal - Soil Analysis ECse (Saturated Extract), pH (Water), EC 1:5, Total Carbon, Total N, Total Phosphorus, Total Potassium, Exchangeable Cations (Ca, Mg, K, Na), Sodicity (ESP)	\$120.00	\$132.00
EPA 2	Winery EPA Waste Water Disposal - Soil Analysis ECse (Saturated Extract), pH (Water), EC 1:5, Total Carbon, Total N, Total Phosphorus, Total Potassium, Soluble Cations (Ca, Mg, K, Na), SAR	\$125.00	\$137.50

Additional Soil Analysis Options –

Additional tests options which can be added to soil analysis groups. If you require a custom quote please visit www.apal.com.au or contact APAL on 08 8332 0199 (info@apal.com.au).

Item Code	Additional Soil Analysis Options	Rayment & Lyons	Exc. GST	Inc. GST
Al	Aluminium + Exchangeable acidity (H+)	15G1	\$10	\$11.00
AlCaCl	Aluminium (CaCl ₂)		POA	POA
B	Boron	12C2	\$10	\$11.00
BD	Bulk Density		\$10	\$11.00
CAEQ	Calcium Carbonate % <i>(Please contact for specific projects)</i>	19A1		
Cl	Chloride	5A1	\$8	\$8.80
Co	Cobalt		\$12	\$13.20
KCOL	Colwell K	18A1	\$10	\$11.00
PCOL	Colwell P	9B2	\$8	\$8.80
DGT	DGT		\$18	\$19.80
DISP	Dispersion + Slaking	Emerson	\$15	\$16.50
TRACES	DTPA Traces (Mn, Zn, Cu, Fe)	12A1	\$12	\$13.20
Ecse	Electrical Conductivity (Ecse) Saturated Paste	In House	\$15	\$16.50
CATIONS	Exchangeable Cations (Ammonium Acetate)	15D3	\$12	\$13.20
Moist	Moisture	2B1	\$5	\$5.50
Mo	Moly		\$12	\$13.20
Nitro	Nitrate, Ammonium	12A1	\$10	\$11.00
POL	Olsen P	9C2b	\$8	\$8.80
OC	Organic Carbon (W&B)	6A1	\$10	\$11.00
PSA	Particle Size Analysis (Wet Chemistry) % Clay, % Silt, % Sand * (Testing sub-contracted to EP Analysis) * Plus Postage Fee \$15 per batch applies ** Batch fee & postage fee are a single charge applied per submission not to all samples		*\$79	\$86.90



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Item Code	Additional Soil Analysis Options	Rayment & Lyons	Exc. GST	Inc. GST
PBSES	Phosphorus (BSES)	9G2	\$8	\$8.80
PBSESSI	Phosphorus (BSES) + Silicon (BSES)	9G2 + 13D1	\$12	\$13.20
PBI	Phosphorus Buffer Index	9I2/9I4	\$8	\$8.80
pHCal	pH CaCl	4B1	\$6	\$6.60
pHEC	pH water + Electrical Conductivity (EC) (1:5)	4A1	\$10	\$11.00
SIBSES	Silicon (BSES)	13D1	\$8	\$8.80
SICACL	Silicon (Calcium Chloride)	-	\$8	\$8.80
SB	Soil Biological (Testing subcontracted to Microbiology Labs Aust)		\$95	\$104.50
SolCat	Soluble Cations (Ca, Mg, K, Na) + Sodicity (SAR)		\$20	\$22.00
Ksulfur	Sulfur (KCL)	10D1	\$10	\$11.00
Msulfur	Sulfur (MCP)	10B3	\$10	\$11.00
Text	Texture (Hand Texture)	Hand Bolus	\$8	\$8.80
TOTC	Total Carbon <i>(Please contact for specific projects)</i>	6B2		
TOTCTN	Total Carbon + Total N	6B2, 7A5	\$25	\$27.50
TN	Total N	7A5	\$15	\$16.50
TP	Total P	In House	\$15	\$16.50
TPTC	Total P + Total Cations (Ca, Mg, K)	In House	\$20	\$22.00
TPTCTT	Total P + Total Cations + Total Traces	In House	\$25	\$27.50
TPTT	Total P + Total Traces (Zn, Mn, Cu)	In House	\$20	\$22.00

Plant Tissue Analysis –

Item Code	Plant Tissue Analysis	Excl. GST	Inc. GST
PT1	Complete Tissue (DATA ONLY) Nitrogen, Nitrate, Phosphorus, Potassium, Calcium, Magnesium, Sodium, Sulfur, Copper, Boron, Iron, Manganese, Zinc, Aluminium, Chloride, Cobalt, Molybdenum	\$56.25	\$61.88
PT2	Complete Tissue (GRAPH) Nitrogen, Nitrate, Phosphorus, Potassium, Calcium, Magnesium, Sodium, Sulfur, Copper, Boron, Iron, Manganese, Zinc, Aluminium, Chloride, Cobalt, Molybdenum	\$69	\$75.90
F1	Feed Test * (Testing sub-contracted to Live Stock Logic) DM, Moisture, DDM, DOMD, ME, CP, NDF, ADF, WSC, Ash, Fat/Oil (if applicable) Crude Fibre (CF) Total Starch (TS), bulk density – Grains only * Plus Postage Fee \$15 per batch applies ** Batch fee & postage fee are a single charge applied per submission not to all samples	*\$91	\$100.10
F2	Feed Test Mineral N, P, K, Ca, Mg, Na, S, Cu, B, Fe, Mn, Zn, Cl, Co, Mo, Nitrate	\$56.25	\$61.88
G1	Grain Mineral N, P, K, Ca, Mg, Na, S, Cu, B, Fe, Mn, Zn, Co, Mo	\$56.25	\$61.88
Item Code	Additional Plant Analysis	Excl. GST	Inc. GST
PTSE	Selenium * (Testing sub-contracted to Regional Laboratory) * Plus Postage Fee \$15 per batch applies ** Batch fee & postage fee are a single charge applied per submission not to all samples	*\$82	\$90.20
	<i>Silica coming soon</i>		



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Water Analysis –

For custom water quotes please visit www.apal.com.au or contact APAL on 08 8332 0199 (info@apal.com.au).

Item Code	Water Analysis	Excl. GST	Inc. GST
W1	Irrigation and Livestock pH, Total alkalinity, Bicarbonate, Carbonate, Ca, Mg, Hardness, Saturation Index, Na, Cl, EC, Sodium Absorption Ration (SAR), Total dissolved Solids (TDS), Nitrate, P, S, K, Al, Fe, Co, Cu, Mn, Zn, B, Mo	\$93.75	\$103.13
W2	Irrigation and Livestock (W1) + Heavy Metals * * Plus Batch Fee \$25.00 + GST	*\$154.75	\$170.23
** Batch fee & postage fee are a single charge applied per submission not to all samples			

Lime/Gypsum Dolomite Analysis –

Item Code	Lime/Gypsum/Dolomite Analysis	Excl. GST	Inc. GST
Lime	Lime/Dolomite Ca, CaO, CaCO ₃ , Mg, MgO, MgCO ₃ , S, Fineness of grind, TNV and ENV	\$100.00	\$110.00
GYP	Gypsum Ca, Mg, S, % Purity	\$87.50	\$96.25

Compost Analysis –

Item Code	Compost Analysis	Excl. GST	Inc. GST
C1	Compost Mineral Total N, Boron, Calcium, Copper, Iron, Potassium, Magnesium, Manganese, Sodium, Phosphorus, Sulfur, Zinc, Cobalt, Aluminium, Molybdenum, Moisture Content	\$100.00	\$110.00

Heavy Metals/Pesticide Residue –

Item Code	Heavy Metals/Pesticide Residue	Excl. GST	Inc. GST
HM1	Heavy Metals * (Testing sub-contracted to Envirolab Group) Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Mercury, Molybdenum, Nickel, Selenium, Tin, Vanadium, Zinc * Plus Batch Fee \$25.00 + GST	*\$61	\$67.10
PR1	Pesticide Residue (OC & OP) * (Testing sub-contracted to Envirolab Group) A test of 20 individual organo-chlorine (OC) and 11 organo-phosphorus (OP) pesticides * Plus Batch Fee \$25.00 + GST	*\$149	\$163.90
** Batch fee & postage fee are a single charge applied per submission not to all samples			

Administration- Sample preparation Charges –

Item Code	Administration Charges	Excl. GST	Inc. GST
SPREP	Sample Preparation A Sample preparation charge will be applied if paper work is not filled out correctly and requires follow up. It will also be charged if soils need to be re bagged or processed. Sample preparation will also apply to tissue samples not sent in correctly (i.e. petioles with leaves or whole plants).	\$5.00	\$5.50
SWASH	Sample Washing (Plants) A Sample washing fee will apply if plant samples require washing. Contamination usually occurs when soil is present in bag or on sample.	\$5.00	\$5.50

If the testing requirements in this service guide/pricelist do not suit your needs, please contact APAL for a custom quote.

www.apal.com.au, contact APAL on 08 8332 0199 or info@apal.com.au

If you are an agent and wish to start an account with APAL please refer to www.apal.com.au (Account application). Please contact APAL for agent pricing.