

SWEP Price List – 2016

(effective 01/01/16 – 31/12/16)

Please note: prices subject to change

Test Code	Test Package Name	Analysis	Price	Price (Incl. GST)
SOIL ANALYSIS – 250 grams per sample required				
ST-1	Standard Soil Test Cation Balance Nutrient Balance & Recommendations (5-page report) <i>*Garden format available recommendations are given in g/m² also stockpiles</i>	Basic Measures: pH, EC, TSS, T.Organic Matter, T.Organic Carbon. Exchangeable Cations: Calcium, Magnesium, Sodium, Potassium, Hydrogen, Cation Exchange Capacity, Adjusted Hydrogen, Adjusted CEC, Cation percentages (of Adj. CEC). Available Nutrients (incl. Trace elements): Calcium, Magnesium, Sodium, Potassium, Phosphorus(Olsen), Nitrogen(as Nitrate), Sulphur, Copper, Zinc, Iron, Manganese, Cobalt, Boron, Molybdenum. Desirable Levels: Exchangeable Cations, Cation percentages, available nutrients for up to 3 landuses (extra report for 3 more landuses + \$22.00). Recommendations: Cation balance (for gypsum/lime/dolomite), Balanced plant nutrition (for NPKS, trace elements)	\$110.00	\$121.00
CT-1	Complete Soil Test Cation Balance Nutrient Balance Microbial Balance & Recommendations (10-page report) <i>*Garden format available</i>	ST-1 + Total Nutrients: Nitrogen, Phosphorus Active Biological Indicators: Lactic Acid Bacteria, Fungi, Yeast, Actino-bacteria & Photosynthetic Bacteria. Recommendations: Cation balance (for gypsum/lime/dolomite), Balanced plant nutrition (for NPKS, trace elements), Microbial balance (For Biological stimulants - kelp, molasses, worm leachate, fish emulsions, humate).	\$300.00	\$330.00
GL-1	Gypsum and Lime Requirement (CEC) & Recommendations <i>(Included in ST-1 & CT-1)</i> <i>Ideal for Subsoils</i>	Basic Measures, Exchangeable Cations, Available S Desirable Levels: Exchangeable Cations, Cation percentages. Recommendations: Cation balance (for gypsum/lime/dolomite)	\$75.00	\$82.50
SA-1	Short Analysis (NPK) & Recommendations <i>(Included in ST-1 & CT-1)</i>	Basic Measures, Available NPKS, Exchangeable Cations, Desirable Levels, Recommendations: Cation balance (for gypsum/lime/dolomite), Balanced plant nutrition (for NPKS)	\$85.00	\$93.50
Microbial Balance	Microbial Balance & Recommendations <i>(included in CT-1)</i>	Basic Measures, Exchangeable Cations, Total Nitrogen, Active Biological Indicators, Recommendations.	\$250.00	\$275.00
Soil test options to add onto above packages: total elements, heavy metals, pesticides, bacteria and other options (see page 3)				
ORGANIC SOIL ANALYSIS – 500 grams per sample required				
Organic Soil Audit	Soil analysis intended for use in transition to Organic Certification. Includes risk factors such as heavy metals and pesticides	CT-1 + Contaminant metals: Cadmium, Lead, Mercury, Arsenic, Nickel, Chromium, Copper, Zinc, Contaminant pesticides: Organo-phosphates, Organo-chlorides (55 compounds in total) Recommendations	\$600.00	\$660.00
Organic Complete Test	Soil analysis intended for ongoing management rather than transition to certification	CT-1 + Contaminant metals: Cadmium, Lead, Mercury, Arsenic, Nickel, Chromium, Copper, Zinc, Recommendations	\$450.00	\$495.00
Organic Standard Test	Soil analysis intended for ongoing management rather than transition to certification without biology	ST-1 + Total Nutrients: Nitrogen, Phosphorus, Contaminant metals: Cadmium, Lead, Mercury, Arsenic, Nickel, Chromium, Copper, Zinc, Contaminant pesticides: Organo-phosphates, Organo-chlorides (55 compounds in total) Recommendations	\$470.00	\$517.00
PLANT TISSUE ANALYSIS – 30 to 100 leaves required (depending on size)				
PT-1	Plant Tissue Test	Total Nutrients: N, P, K, Ca, Mg, Na, S, Cu, Zn, Fe, Mn, Co, B, Mo, Desirable levels <i>*if sample require washing plus</i>	\$100.00 *\$10.00	\$110.00 \$11.00
Test options to add onto above packages: total elements, heavy metals, pesticides, bacteria and other options (see page 3)				

Test Code	Test Package Name	Analysis	Price	Price (Incl. GST)
WATER ANALYSIS – 250ml per sample required				
WT-1	Irrigation & Farm water (Basic test)	pH, EC, TSS, Ca, Mg, Na, K, Cl, Carbonate, Bicarbonate, Cu, Zn, Fe, Mn	\$65.00	\$71.50
WT-2	Extensive Irrigation & Livestock (where leaching of nutrients may apply)	pH, EC, TSS, Ca, Mg, Na, K, Cl, Carbonate, Bicarbonate, Cu, Zn, Fe, S, Mn, B, Nitrate, P	\$90.00	\$99.00
WT-3	Extensive Irrigation plus Heavy Metals	WT-2 + Heavy Metals – Cd, Pb, Hg, As, Ni, Cr	\$260.00	\$286.00
WT-4	Hydroponic solution	pH, EC, TSS, Ca, Mg, Na, K, Cl, Carbonate, Bicarbonate, Cu, Zn, Fe, S, Mn, B, Nitrate, P, Mo	\$100.00	\$110.00
WT-5	Aquaculture water	pH, EC, TSS, Ca, Mg, Na, K, Cl, Carbonate, Bicarbonate, Cu, Zn, Fe, S, Mn, B, Nitrate, P, Mo, Cd, Pb, Hg	\$195.00	\$214.50
WT-6	Industrial or Municipal Effluent	pH, EC, TSS, Ca, Mg, Na, K, Cl, Carbonate, Bicarbonate, Cu, Zn, Fe, S, Mn, B, Nitrate, P, Mo, Cd, Pb, Hg, As, Ni, Cr	\$285.00	\$313.50
WT-7	Bacteria	E.coli (or Faecal Coliforms), Total Coliforms, Total Bacterial Count	\$120.00	\$132.00
WT-8	Drinking Water	pH, EC, TSS, Ca, Mg, Na, K, Cl, Carbonate, Bicarbonate, Cu, Zn, Fe, S, Mn, B, Nitrate, Nitrite, P, Cd, Pb, Hg, As, Ni, Cr, Sn, Hardness Plus Bacteria (WT-7)	\$260.00 \$120.00	\$286.00 \$132.00
WT-9	Desalination	pH, EC, TSS, Ca, Mg, Na, K, Cl, Carbonate, Bicarbonate, Cu, Zn, Fe, S, Mn, B, Nitrate, Ammonium, PO ₄ , SO ₄ , FI, Hardness, Ion Balance, Al, Sr, Ba, Si, Turbidity, Solids	\$210.00	\$231.00
Test options to add onto above packages: total elements, heavy metals, pesticides, bacteria and other options (see page 3)				
FERTILISER/COMPOST ANALYSIS – 250grams/250ml per sample required				
FT-1	Basic Fertiliser Quality	pH, EC, Total: N, P, K, TOC, C:N Ratio, MC	\$90.00	\$99.00
FT-2	Full Fertiliser Analysis	pH, EC, Total: N, P, K, Ca, Mg, Na, S, Cu, Zn, Fe, Mn, Co, B, Mo, TOC C:N Ratio, MC	\$150.00	\$165.00
Total & Available	Total & Available Nutrients (Not Liquids)	FT-2 + Available: Ca, Mg, Na, K, P(Olsen), N, S, Cu, Zn, Fe, Mn, Co, B, Mo Including CEC (Ideal for COMPOST)	\$220.00 \$240.00	\$242.00 \$264.00
CFT-1	Complete Fertiliser / Worm leachate Analysis	pH, EC, Total: Ca, Mg, Na, K, P, N, S, Cu, Zn, Fe, Mn, Co, B, Mo, TOC Active: Lactic acid bacteria, Fungi, Yeast, Actinobacteria & Photosynthetic bacteria	\$330.00	\$363.00
Test options to add onto above packages: total elements, heavy metals, pesticides, bacteria and other options (see page 3)				
ORGANIC FERTILISER/COMPOST ANALYSIS – 500grams/500ml per sample required				
Organic Compost Analysis	Analysis intended to provide detailed quality assurance for makers of certified composts, fertilisers and manures	Total & Available Nutrients (as above) including CEC, Bio-hazard indicators: E.coli, Salmonella, Listeria (to show that composting is complete & there are no special handling issues. Legionella is available by arrangement – Extra costing will apply Contaminant metals: Cd, Pb, Hg, As, Ni, Cr, Cu, Zn Contaminant pesticides: Organo-phosphates, Organo-chlorides. Recommendations	\$760.00	\$836.00
Compost Monitoring Analysis	As above but without the pesticide screens or bio-hazard indicators	Total & Available Nutrients (as above) including CEC, Contaminant metals: Cd, Pb, Hg, As, Ni, Cr, Cu, Zn Recommendations	\$390.00	\$429.00
LIME, DOLOMITE & GYPSUM ANALYSIS – 250 grams per sample required				
LDQ-1	Lime & Dolomite Quality	pH, EC, TSS, Total: Ca, Mg, Na, Calculated Calcium Carbonate (Lime), Magnesium Carbonate (Dolomite), NV & ENV, MC (less \$15 for no ENV)	\$83.00	\$91.30
LDA-1	Lime & Dolomite Analysis (includes trace elements)	pH, EC, TSS, Total: Ca, Mg, Na, N, P, K, S, Cu, Zn, Fe, Mn, Co, B, Mo, Calculated Calcium Carbonate (Lime), Magnesium Carbonate (Dolomite), NV & ENV, MC (less \$15 for no ENV)	\$176.00	\$193.60
GQ-1	Gypsum Quality	pH, EC, TSS, Total: Ca, S, Na and Calcium Sulphate (Gypsum), MC	\$65.00	\$71.50
GA-1	Gypsum Analysis (includes trace elements)	pH, EC, TSS, Total: Ca, Mg, Na, N, P, K, S, Cu, Zn, Fe, Mn, Co, B, Mo, Calcium Sulphate (Gypsum), MC	\$150.00	\$165.00

Other Packages	Analysis – 250grams/250ml per sample required	Price	Price (Incl. GST)
Total Element Package	Total: N, P, K, Ca, Mg, Na, S, Cu, Zn, Fe, Mn, Co, B, Mo <i>If included in package (such as ST-1 or CT-1)</i>	\$120.00 \$100.00	\$132.00 \$110.00
Heavy Metals package	Total contaminant metals: Cadmium, Lead, Mercury, Arsenic, Nickel, Chromium, Copper, Zinc	\$170.00	\$187.00
Bio-hazard indicators	E.coli, Salmonella, Listeria <i>Legionella is available by arrangement – Extra costing will apply</i>	\$200.00	\$220.00
OC/OP Screen	Contaminant Pesticides: Organo-phosphates, Organo-chlorides (53 compounds in total)	\$170.00	\$187.00

* OPTIONAL EXTRAS				
<i>*If optional extras are required for testing without accompanying package tests, an administration fee of \$38.50 (inc.GST) per sample will be charged. Administration fee does not apply for bacterial tests.</i>				
*Test Code	Available on:	Analysis	Price	Price (Incl. GST)
Reef Wise	Soil	Organic Carbon, PBI unadjusted, Acid extr. P, Colwell extr.P, PBI Colwell (should be added to ST-1 or CT-1 packages)	\$75.00	\$82.50
O-1	Soil / Fertiliser / Plant	Total Phosphorus (TP)	\$15.00	\$16.50
O-2	Soil / Fertiliser / Plant	Available Silicate (AvSi)	\$20.00	\$22.00
O-3	Soil / Fertiliser	Total Aluminium or Extractable Aluminium (ExtAl)	\$15.00	\$16.50
O-4	Soil / Fertiliser / Plant	Total Nitrogen (TN)	\$25.00	\$27.50
O-5	Soil / Plant	Elemental Chlorine (Cl)	\$15.00	\$16.50
	Water	Chloride (Cl)	\$20.00	\$22.00
O-6	Soil / Fertiliser/ Water	Total Cadmium (Cd)	\$20.00	\$22.00
O-7	Soil / Fertiliser/ Water	Total Lead (Pb)	\$20.00	\$22.00
O-8	Soil / Fertiliser/ Water	Total Nickel (Ni)	\$20.00	\$22.00
O-9	Soil / Fertiliser/ Water	Total Chromium (Cr)	\$20.00	\$22.00
O-10	Soil / Fertiliser/ Water	Total Mercury (Hg)	\$50.00	\$55.00
O-11	Soil / Fertiliser/ Water	Total Arsenic (As)	\$50.00	\$55.00
O-12	Soil / Fertiliser / Plant	Total Calcium (Ca)	\$15.00	\$16.50
O-13	Soil / Fertiliser / Plant	Total Magnesium (Mg)	\$15.00	\$16.50
O-14	Soil / Fertiliser / Plant	Total Sodium (Na)	\$15.00	\$16.50
O-15	Soil / Fertiliser / Plant	Total Potassium (K)	\$15.00	\$16.50
O-16	Plant & Liquid only	Total Silica (TSi)	\$30.00	\$33.00
O-17	Plant / Fertiliser / Water	Total Molybdenum (Mo)	\$15.00	\$16.50
O-18	Soil / Fertiliser / Plant	Total Selenium (TSe)	\$30.00	\$33.00
O-19	Soil	Soil colour & texture	\$20.00	\$22.00
O-20	Soil	Phosphorus Buffer Index (PBI)	\$30.00	\$33.00
O-21	Soil / Fertiliser/ Water	Ammonium Nitrogen (NH ₄)	\$20.00	\$22.00
O-22	Water	Fluoride (F)	\$20.00	\$22.00
O-23	Water	Iodine (I)	\$20.00	\$22.00
O-24	Water	Nitrite (NO ₂)	\$20.00	\$22.00
O-25	Water / Plant	Total Silica (TSi)	\$15.00	\$16.50
O-26	Soil / Fertiliser / Water	E.coli or Faecal Coliforms (no admin fee)	\$65.00	\$72.50
O-27	Soil / Fertiliser / Water	Total Coliform Bacteria (no admin fee)	\$65.00	\$72.50
O-28	Soil / Fertiliser / Water	Total Bacterial Count (no admin fee)	\$55.00	\$60.50
O-29	Soil / Fertiliser / Water	Listeria (no admin fee)	\$75.00	\$82.50
O-30	Soil / Fertiliser / Water	Salmonella (no admin fee)	\$85.00	\$93.50
O-31	Soil	Nematode Count (no admin fee)	\$65.00	\$72.50
O-32	Soil / Fertiliser	Citrate Soluble , Insoluble & Water Soluble Phosphorus	\$40.00	\$44.00
O-33	Soil / Fertiliser	Total Organic Carbon, Total Organic Matter	\$25.00	\$27.50
O-34	Liquid Fertiliser	Specific Gravity (SG)	\$35.00	\$38.50
O-35	Soil	Bulk Density (3 litres per sample required)	\$20.00	\$22.00
O-36	Soil	Dispersion Index (DI)	\$15.00	\$16.50
O-37	Soil	Phosphate Sorption Index (P sorption)	\$40.00	\$44.00
O-38	Soil	Phosphorus Buffer Capacity (PBC)	\$150.00	\$165.00
O-39	Soil	Oxidation Reduction Potential	\$50.00	\$55.00

At SWEP we take an integrated approach to soil health, because Soil is a Living System

Soil Microorganisms, Corrosion Microorganisms, & Dairy, Canning and Other Food Microorganisms

Prices listed below are per sample. Discount available on bulk samples.
Other microorganisms can be examined by arrangement *please phone or email for quotation*

Soil , Compost and Water Microorganisms

Analysis	Price	Price (Incl. GST)	Analysis	Price	Price (Incl. GST)
Total Aerobes	\$55.00	\$60.50	<i>Escherichia coli</i>	\$65.00	\$71.50
Actinobacteria	\$55.00	\$60.50	Total Coliforms	\$65.00	\$71.50
Actinomycetes	\$55.00	\$60.50	Faecal Coliforms	\$65.00	\$71.50
Yeasts and Moulds	\$55.00	\$60.50	<i>Salmonella</i>	\$85.00	\$93.50
Lactic Acid Bacteria	\$60.00	\$60.50	<i>Listeria</i>	\$75.00	\$82.50
Anaerobic Photosynthetic Bacteria	\$60.00	\$66.00	Cellulolytic bacteria	\$65.00	\$71.50
Gram negative bacteria	\$55.00	\$60.50	Cellulolytic fungi	\$55.00	\$60.50
Phosphate solubilizers	\$55.00	\$60.50	Hemicellulose decomposers	\$75.00	\$82.50
Silica solubilizers	\$75.00	\$82.50	Lipolytics	\$60.00	\$66.00
<i>Trichoderma</i> spp. (isolation & enumeration)	\$90.00	\$99.00	Nitrifiers - Ammonium oxidizing bacteria	\$95.00	\$104.50
<i>Fusarium</i> spp. (isolation & enumeration) (from Plant)	\$90.00 \$150.00	\$99.00 \$165.00	Nitrifiers - Nitrite oxidizing bacteria	\$95.00	\$104.50
Aerobic sporeforming bacteria (enumeration)	\$60.00	\$66.00	Non-symbiotic Nitrogen Fixers	\$55.00	\$60.50

Legionella by arrangement

Corrosion Microorganisms

Analysis	Price	Price (Incl. GST)	Analysis	Price	Price (Incl. GST)
Sulphate reducing bacteria	\$75.00	\$82.50	Iron reducing bacteria	\$55.00	\$60.50
Thermophilic sulphate reducing bacteria	\$55.00	\$60.50	Heterotrophic iron oxidizing bacteria	\$55.00	\$60.50
Sulphur oxidizing bacteria	\$85.00	\$93.50	Total Aerobes	\$55.00	\$60.50
Acid producing bacteria	\$55.00	\$60.50	Total Thermophilic Aerobes	\$55.00	\$60.50
Total Anaerobes	\$60.00	\$66.00			
Total Thermophilic Anaerobes Not Producing H ₂ S (TA's)	\$60.00	\$66.00			

Dairy, Canning and Food Microorganisms

Analysis	Price	Price (Incl. GST)	Analysis	Price	Price (Incl. GST)
Total Aerobes	\$55.00	\$60.50	<i>Bacillus cereus</i>	\$60.00	\$66.00
<i>Clostridium perfringens</i>	\$65.00	\$71.50	<i>Escherichia coli</i>	\$65.00	\$71.50
Coliforms	\$65.00	\$71.50	Faecal Coliforms	\$65.00	\$71.50
Total Enterobacteriaceae	\$55.00	\$60.50	<i>Pseudomonas</i>	\$60.00	\$66.00
<i>Salmonella</i>	\$85.00	\$93.50	<i>Staphylococcus aureus</i>	\$65.00	\$71.50
<i>Streptococcus faecalis</i>	\$65.00	\$71.50	Psychrophiles	\$55.00	\$60.50
Psychrotrophs	\$65.00	\$71.50	Mesophiles	\$55.00	\$60.50
Thermotolerants	\$60.00	\$66.00	Thermophiles	\$55.00	\$60.50
Total Anaerobes	\$55.00	\$60.50	Lactic acid bacteria	\$55.00	\$60.50
Yeasts and Moulds	\$55.00	\$60.50	Thermophilic Flat Sours	\$55.00	\$60.50
Thermophilic Anaerobes Not Producing H ₂ S (TA's)	\$60.00	\$66.00	Thermophilic Sulphate Reducing Bacteria	\$55.00	\$60.50
Putrefactive Anaerobes	\$55.00	\$60.50	Leakage Organisms (Canning) (4 types)	\$120.00	\$132.00
<i>Listeria</i>	\$75.00	\$82.50			

Customised tests and specialised microbial tests are available by arrangement *please phone or email for quotation*

If additional testing is requested after receipt of sample a \$7.00 administration fee per sample will apply

Turn around time: Standard TAT for most sample types is 5-working days. Microbials 10 working days. If samples are urgent a priority surcharge of \$28.50 including gst will apply.

Re-issuing of Reports: Re-issuing of reports requested by the client may incur a fee.

Confidentiality: It is SWEP policy that no information shall be revealed to any third party without consent of the client.

Accreditation: SWEP is an ASPAC approved laboratory, AQIS approved Quarantine site and holds Victorian DPI accreditation to receive samples from PIZ and PCN infested zones.

Soil & Plant sample bags are available on request, however cost of sample transportation are not included in the above prices. All prices are subject to change without notice. This list replaces all previous pricelists.

For further information please contact us on 03 9701 6007, services@swep.com.au

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