

## SWEP Price List – 2015

(effective 01/01/15 – 31/12/15)

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

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

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

<b>* OPTIONAL EXTRAS</b>				
<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)
<b>Reef Wise</b>	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
<b>O-1</b>	Soil / Fertiliser / Plant	Total Phosphorus (TP)	\$15.00	\$16.50
<b>O-2</b>	Soil / Fertiliser / Plant	Available Silicate (AvSi)	\$20.00	\$22.00
<b>O-3</b>	Soil	Extractable Aluminium (ExtAl)	\$15.00	\$16.50
<b>O-4</b>	Soil / Fertiliser / Plant	Total Nitrogen (TN)	\$25.00	\$27.50
<b>O-5</b>	Soil / Plant	Elemental Chlorine (Cl)	\$15.00	\$16.50
	Water	Chloride (Cl)	\$20.00	\$22.00
<b>O-6</b>	Soil / Fertiliser/ Water	Total Cadmium (Cd)	\$20.00	\$22.00
<b>O-7</b>	Soil / Fertiliser/ Water	Total Lead (Pb)	\$20.00	\$22.00
<b>O-8</b>	Soil / Fertiliser/ Water	Total Nickel (Ni)	\$20.00	\$22.00
<b>O-9</b>	Soil / Fertiliser/ Water	Total Chromium (Cr)	\$20.00	\$22.00
<b>O-10</b>	Soil / Fertiliser/ Water	Total Mercury (Hg)	\$50.00	\$55.00
<b>O-11</b>	Soil / Fertiliser/ Water	Total Arsenic (As)	\$50.00	\$55.00
<b>O-12</b>	Soil / Fertiliser / Plant	Total Calcium (Ca)	\$15.00	\$16.50
<b>O-13</b>	Soil / Fertiliser / Plant	Total Magnesium (Mg)	\$15.00	\$16.50
<b>O-14</b>	Soil / Fertiliser / Plant	Total Sodium (Na)	\$15.00	\$16.50
<b>O-15</b>	Soil / Fertiliser / Plant	Total Potassium (K)	\$15.00	\$16.50
<b>O-16</b>	Plant & Liquid only	Total Silica (TSi)	\$30.00	\$33.00
<b>O-17</b>	Plant / Fertiliser / Water	Total Molybdenum (Mo)	\$15.00	\$16.50
<b>O-18</b>	Soil / Fertiliser / Plant	Total Selenium (TSe)	\$30.00	\$33.00
<b>O-19</b>	Soil	Soil colour & texture	\$20.00	\$22.00
<b>O-20</b>	Soil	Phosphorus Buffer Index (PBI)	\$30.00	\$33.00
<b>O-21</b>	Soil / Fertiliser/ Water	Ammonium Nitrogen (NH <sub>4</sub> )	\$20.00	\$22.00
<b>O-22</b>	Water	Fluoride (F)	\$20.00	\$22.00
<b>O-23</b>	Water	Iodine (I)	\$20.00	\$22.00
<b>O-24</b>	Water	Nitrite (NO <sub>2</sub> )	\$20.00	\$22.00
<b>O-25</b>	Water	Total Silica (TSi)	\$15.00	\$16.50
<b>O-26</b>	Soil / Fertiliser / Water	E.coli or Faecal Coliforms (no admin fee)	\$65.00	\$72.50
<b>O-27</b>	Soil / Fertiliser / Water	Total Coliform Bacteria (no admin fee)	\$65.00	\$72.50
<b>O-28</b>	Soil / Fertiliser / Water	Total Bacterial Count (no admin fee)	\$55.00	\$60.50
<b>O-29</b>	Soil / Fertiliser / Water	Listeria (no admin fee)	\$75.00	\$82.50
<b>O-30</b>	Soil / Fertiliser / Water	Salmonella (no admin fee)	\$85.00	\$93.50
<b>O-31</b>	Soil	Nematode Count (no admin fee)	\$65.00	\$72.50
<b>O-32</b>	Soil / Fertiliser	Citrate Soluble , Insoluble & Water Soluble Phosphorus	\$40.00	\$44.00
<b>O-33</b>	Soil / Fertiliser	Total Organic Carbon, Total Organic Matter	\$25.00	\$27.50
<b>O-34</b>	Liquid Fertiliser	Specific Gravity (SG)	\$35.00	\$38.50
<b>O-35</b>	Soil	Bulk Density	\$20.00	\$22.00
<b>O-36</b>	Soil	Dispersion Index (DI)	\$15.00	\$16.50
<b>O-37</b>	Soil	Phosphate Sorption Index (P sorption)	\$40.00	\$44.00
<b>O-38</b>	Soil	Phosphorus Buffer Capacity (PBC)	\$150.00	\$165.00

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

Prices listed below are for single samples. Discount available on bulk samples.  
Other microorganisms can be examined by arrangement.

### 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	\$99.00	Nitrifiers - Nitrite oxidizing bacteria	\$95.00	\$104.50
	\$150.00	\$165.00			
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 <sub>2</sub> 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 <sub>2</sub> 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.

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

**Turn around time:** Standard TAT for most sample types is 5-working days. If samples are urgent a priority surcharge may be available.

**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](mailto:services@swep.com.au)

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