

SWEP Price List – 2018

(Effective from January 2018)
 Prices subject to change anytime

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> Ideal for Subsoils	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				
OC/OP & Heavy Metals	Soil analysis requirement for Australian organic certifying bodies	Contaminant Pesticides: Organo-phosphates, Organo-chlorides (53 compounds in total), and Total contaminant metals: Cadmium, Lead, Mercury, Arsenic, Nickel, Chromium, Copper, Zinc	\$350.00	\$385.00
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	\$610.00	\$671.00
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	\$480.00	\$528.00
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 requires 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)
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 <i>plus Heavy Metals</i>	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	\$260.00	\$286.00
		Plus Bacteria (WT-7)	\$120.00	\$132.00
WT-9	Desalination	pH, EC, TSS, Ca, Mg, Na, K, Cl, Carbonate, Bicarbonate, Cu, Zn, Fe, S, Mn, B, Nitrate, Ammonium, PO4, SO4, Fl, 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	Basic Fertiliser Quality	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	\$780.00	\$858.00
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 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 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 Total: Ca, S, Na and Calcium Sulphate (Gypsum), MC	\$65.00	\$71.50
GA-1	Gypsum Analysis (includes trace elements)	pH, EC 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 – 250 grams /250 mls 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)	\$180.00	\$198.00
*Test Code	Available on:	*Optional Extras If optional extras are required without accompanied package tests, a sample preparation fee of \$38.50 p/sample will apply	Price	Price (Incl. GST)
Reef Wise	Soil	Organic Carbon, PBI unadjusted, Acid extractable P, Colwell extractable P, PBI Colwell (should be added to ST-1 or CT-1 packages)	\$75.00	\$82.50
CEC	Soil	CEC (Cation Exchange Capacity)	\$60.00	\$66.00
Particle Size	Fertiliser/ Soil	Particle Size Distribution (Mechanical) on Fertiliser pellets only Particle Size Distribution (by estimation) on Soil only	\$150.00 \$50.00	\$165.00 \$55.00
Coir Package	Coir	pH, EC, Water extract Sodium and Potassium, Barium Chloride extract Sodium and Potassium	\$110.00	\$121.00
Biuret Test	Fertiliser (Solid only)	Biuret (Urea)	\$50.00	\$55.00
Single Trace Element	Soil / Fertiliser / Plant / Water	Total Copper, Zinc, Iron, Manganese, Cobalt, or Boron	\$15p/element	\$16.50p/element
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	Extractable Aluminium (ExtAl)	\$15.00	\$16.50
O-4	Soil / Fertiliser / Plant	Total Nitrogen (TN)	\$25.00	\$27.50
O-5	Soil / Plant	Chloride (Cl)	\$15.00	\$16.50
O-6	Soil / Fertiliser / Plant / Water	Cadmium (Cd)	\$20.00	\$22.00
O-7	Soil / Fertiliser / Plant / Water	Lead (Pb)	\$20.00	\$22.00
O-8	Soil / Fertiliser / Plant / Water	Nickel (Ni)	\$20.00	\$22.00
O-9	Soil / Fertiliser / Plant / Water	Chromium (Cr)	\$20.00	\$22.00
O-10	Soil / Fertiliser / Plant / Water	Mercury (Hg)	\$55.00	\$60.50
O-11	Soil / Fertiliser / Plant / Water	Arsenic (As)	\$55.00	\$60.50
O-12	Soil / Fertiliser / Plant / Water	Total Calcium (Ca)	\$15.00	\$16.50
O-13	Soil / Fertiliser / Plant / Water	Total Magnesium (Mg)	\$15.00	\$16.50
O-14	Soil / Fertiliser / Plant / Water	Total Sodium (Na)	\$15.00	\$16.50
O-15	Soil / Fertiliser / Plant / Water	Total Potassium (K)	\$15.00	\$16.50
O-16	Plant & Liquid Fertiliser only	Total Silica (TSi)	\$30.00	\$33.00
O-17	Soil / Fertiliser / Plant / Water	Total Molybdenum (Mo)	\$15.00	\$16.50
O-18	Soil / Fertiliser / Plant	Total Selenium (S)	\$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 (NH4)	\$20.00	\$22.00
O-22	Water	Flouride (F)	\$20.00	\$22.00
O-23	Water	Iodine (I)	\$20.00	\$22.00
O-24	Water	Nitrite Nitrogen (NO3)	\$20.00	\$22.00
O-25	Water	Total Silica (TSi)	\$20.00	\$22.00
O-26	Soil / Fertiliser / Water	E. coli or Faecal Coliforms (no sample preparation fee)	\$65.00	\$72.50
O-27	Soil / Fertiliser / Water	Total Coliform Bacteria (no sample preparation fee)	\$65.00	\$72.50
O-28	Soil / Fertiliser / Water	Total Bacterial Count (no sample preparation fee)	\$55.00	\$60.50
O-29	Soil / Fertiliser / Water	Listeria (no sample preparation fee)	\$75.00	\$82.50
O-30	Soil / Fertiliser / Water	Salmonella (no sample preparation fee)	\$85.00	\$93.50
O-31	Soil	Nematode Count (no sample preparation fee)	\$65.00	\$72.50
O-32	Soil / Fertiliser	Citrate Soluble, Insoluble and Water Soluble Phosphorus	\$40.00	\$44.00
O-33	Soil / Fertiliser / Plant	Total Organic Carbon, Total Organic Matter	\$25.00	\$27.50
O-34	Solid and Liquid samples	Specific Gravity (SG)	\$35.00	\$38.50
O-35	Soil / Fertiliser	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 (PSI)	\$40.00	\$44.00
O-39	Soil	Oxidation Reduction Potential	\$50.00	\$55.00
O-40	Water	Free Chlorine	\$15.00	\$16.50
O-41	Water	True and Apparent Colour	\$10.00	\$10.00
O-42	Fertiliser (Pellet only)	Uniformity Index (UI)	\$50.00	\$55.00
O-43	Fertiliser (Pellet only)	Size Grade Number (SGD)	\$50.00	\$55.00
O-44	Fertiliser (Pellet only)	Uniformity Index and Size Grade Number	\$75.00	\$82.50
O-45	Soil	Bray 1 Extractable Phosphorus	\$10.00	\$11.00
O-46	Soil	Bray 2 Extractable Phosphorus	\$10.00	\$11.00
O-47	Soil	Olsen Phosphorus	\$20.00	\$22.00
O-48	Soil	Colwell Phosphorus	\$30.00	\$33.00
O-49	Soil	Colwell P & PBI	\$40.00	\$44.00
O-50	Soil	Phosphorus Retention Index (PRI)	\$30.00	\$33.00
O-51	Solid fertiliser only	Available Phosphorus (P2O5)	\$20.00	\$22.00
O-52	Soil / Fertiliser / Plant / Water	Total Phosphorus as P2O5	\$30.00	\$33.00
O-53	Soil / Fertiliser / Plant / Water	Total Sulphur (S)	\$15.00	\$16.50
O-54	Soil / Fertiliser / Plant / Water	Total Vanadium (V)	\$20.00	\$22.00
O-55	Soil / Fertiliser / Plant / Water	Total Thallium (TI)	\$25.00	\$27.50
O-56	Soil / Fertiliser / Plant / Water	Total Antimony (Sb)	\$15.00	\$16.50
O-57	Soil / Compost	Nitrogen Drawdown Index (NDI)	\$35.00	\$38.50
O-58	Soil / Compost	Wettability (>20 samples no admin fee)	\$25.00	\$27.50
O-59	Fertiliser only	Water Soluble Phosphorus	\$20.00	\$22.00
O-60	Fertiliser only	Citrate Soluble Phosphorus	\$20.00	\$22.00
O-61	Soil / Fertiliser / Plant / Water	Nitrate Nitrogen (NO3)	\$20.00	\$22.00
O-62	Fertiliser (Pellet only)	Hardness	\$50.00	\$55.00
O-63	Soil / Fertiliser (no liquid)	Available Calcium (water extraction)	\$10.00	\$11.00
O-64	Soil / Fertiliser (no liquid)	Available Calcium (Ammonium Chloride extraction)	\$15.00	\$16.50
O-65	Solid Fertiliser only	Free Acidity	\$25.00	\$27.50
O-66	Solid Fertiliser only	Moisture Content by vacuum desiccation	\$50.00	\$55.00
O-67	Soil / Water	Sodium Absorption Ratio (SAR)	\$25.00	\$27.50
O-68	Water / Gypsum	Total Carbonates (CO3)	\$10.00	\$11.00
O-69	Gypsum/Lime/Dolomite	Solubility	\$25.00	\$27.50

Soil, Compost and Water Microorganisms

Analysis	Price	Price (including GST)	Analysis	Price	Price (including 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	\$66.00	<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
<i>Trichoderma</i> spp. (isolation & enumeration)	\$90.00	\$99.00	Hemicellulose decomposers	\$75.00	\$82.50
<i>Fusarium</i> spp. (isolation & enumeration) (from Plant)	\$90.00	\$99.00	Lipolytics	\$60.00	\$66.00
Aerobic sporeforming bacteria (enumeration)	\$60.00	\$66.00	Nitrifiers - Ammonium oxidizing bacteria	\$95.00	\$104.50
Phytophthora	\$150.00	\$165.00	Nitrifiers - Nitrite oxidizing bacteria	\$95.00	\$104.50
Pythium	\$150.00	\$165.00	Non-symbiotic Nitrogen Fixers	\$55.00	\$60.50
Active Biological Indicators	\$150.00	\$165.00	Phytophthora and Pythium	\$200.00	\$220.00

Legionella by arrangement

Customised tests are available by arrangement; please phone or email for quotation.

For single element testing only, an additional charge of \$38.50 (inc.GST) will apply.

If additional testing is requested after receipt of sample an admin fee of \$11.00 (inc.GST) per sample will apply.

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

Turnaround time: Standard TAT for most sample types is 5-working days, Microbials 10 working days.

If samples are urgent a priority surcharge of \$27.50 (inc.GST) will apply.

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 or e-mail services@swep.com.au