



Agricultural Pathology and Biological Farming Service  
Agricultural Consultants since 1980

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AgPath operates to OECD Good Laboratory Practice (GLP)

## Price List

Current as of July 2024. Please visit [agpath.com.au](http://agpath.com.au) for the latest version.

### Phylloxera Note

AgPath is registered to receive grape material and soils from phylloxera regions of Australia. Please see [agpath.com.au](http://agpath.com.au) for maps of the affected regions.

### Administration, Handling and Postage

- AgPath Handling Fee is charged per job received.
- EAL Administration Fee is charged for jobs requiring tests performed by EAL.
- EAL Preparation Fee is charged for single assays performed by EAL. It is not charged for EAL “packs.”

For an accurate total cost. Please contact AgPath for a job quote.

Code	Item	Price Excl. GST	Price incl. GST
APHF	<b>AgPath Handling Fee</b> AgPath administration fee is charged once per consignment.	\$31.50	\$34.65
EALADM	<b>EAL Administration Fee</b> EAL administration fee is charged once per consignment where EAL tests are required.	\$33.09	\$36.40
EALPRE	<b>EAL Preparation Fee</b> EAL sample preparation fee is charged for the preparation of each individual test requested.	\$11.14	\$12.25
EXP500	<b>Express Post 500g</b>	\$13.32	\$14.65
EXP1KG	<b>Express Post 1kg</b>	\$16.73	\$18.40
EXP3KG	<b>Express Post 3kg</b>	\$20.05	\$22.05
EXP5KG	<b>Express Post 5kg</b>	\$26.73	\$29.40

### Soil • Compost • Water

Code	Item	Price Excl. GST	Price incl. GST
CA-PACK-001	<b>Compost Total Nutrients</b> Includes Moisture, pH, EC; TC, TN, TC/TN Ratio, Organic Matter; Total (Ca, Mg, K, Na, S, P, Zn, Mn, Fe, Cu, B, Si, Al, Mo, Co, Se). Note: 200 g of sample is required.	\$111.32	\$122.45
CA-PACK-004	<b>Compost Available Nutrients</b> Includes pH and EC; Soluble (Ca, Mg, K, P), Dissolved (NH <sub>4</sub> , NO <sub>3</sub> , S); Exchangeable (Ca, Mg, Na, K, H, Al, ECEC); Bray I and II Phosphorus; Colwell Phosphorus; Available Micronutrients (Fe, Cu, Mg, Zn, B, Si); TC, TN, TC/TN Ratio, Organic Matter. Note: 200 g of sample is required.	\$133.55	\$146.90

Code	Item	Price Excl. GST	Price incl. GST
RA-PACK-001	<b>Agricultural - Albrecht/Reams</b> Includes pH and EC (1:5 water); Available Calcium, Magnesium, Potassium, Ammonium, Nitrate, Phosphate, Sulphur; Exchangeable Sodium, Potassium, Calcium, Magnesium, Hydrogen, Aluminium, Cation Exchange Capacity; Bray I and II Phosphorus; Colwell Phosphorus; Available Micronutrients Zinc, Manganese, Iron, Copper, Boron, Silicon; Total Carbon (TC), Total Nitrogen (TN), Organic Matter, TC/TN Ratio; Basic Colour, Basic Texture.	\$122.41	\$134.65
RA-PACK-002	<b>Agricultural - Albrecht/Reams plus Totals</b> Includes pH and EC (1:5 water); Available Calcium, Magnesium, Potassium, Ammonium, Nitrate, Phosphate, Sulphur; Exchangeable Sodium, Potassium, Calcium, Magnesium, Hydrogen, Aluminium, Cation Exchange Capacity; Bray I and II Phosphorus; Colwell Phosphorus; Available Micronutrients Zinc, Manganese, Iron, Copper, Boron, Silicon; Total Carbon (TC), Total Nitrogen (TN), TC/TN Ratio, Organic Matter; Basic Colour, Basic Texture; Total Sodium, Potassium, Calcium, Magnesium, Sulphur, Phosphorus, Silicon, Cobalt, Molybdenum, Selenium, Zinc, Manganese, Iron, Copper, Boron and Aluminium	\$178.09	\$195.90
RA-PACK-003	<b>Agricultural - Albrecht/Reams plus Totals and Heavy Metals</b> Includes pH and EC (1:5 water); Available Calcium, Magnesium, Potassium, Ammonium, Nitrate, Phosphate, Sulphur; Exchangeable Sodium, Potassium, Calcium, Magnesium, Hydrogen, Aluminium, Cation Exchange Capacity; Bray I and II Phosphorus; Colwell Phosphorus; Available Micronutrients Zinc, Manganese, Iron, Copper, Boron, Silicon; Total Carbon (TC), Total Nitrogen (TN), TC/TN Ratio, Organic Matter; Basic Colour, Basic Texture; Total Sodium, Potassium, Calcium, Magnesium, Sulphur, Phosphorus, Silicon, Cobalt, Molybdenum, Selenium, Zinc, Manganese, Iron, Copper, Boron and Aluminium; Heavy Metals Silver, Arsenic, Lead, Chromium, Nickel, Cadmium, Mercury.	\$200.36	\$220.40
RA-PACK-013	<b>Agricultural - Standard B</b> Includes pH and EC (1:5 water); Available Ammonium, Nitrate, Sulphur; Exchangeable Sodium, Potassium, Calcium, Magnesium, Hydrogen, Aluminium, Hydrogen, Cation Exchange Capacity; Bray I and II Phosphorus; Available Micronutrients Zinc, Manganese, Iron, Copper, Boron, Silicon; Basic Colour, Basic Texture.	\$100.18	\$110.20
SW-PACK-020	<b>Nutrients - Dissolved</b> Includes Nitrate, Nitrite, Phosphate, Ammonium.	\$50.05	\$55.05
SW-PACK-026	<b>Liquid - Fertiliser Totals</b> Includes acid digestion then ICP analysis for Phosphorus; Sodium, Potassium, Calcium, Magnesium, Sulphur; Silicon, Cobalt, Molybdenum, Zinc, Manganese, Iron, Copper, Boron. Also includes pH, EC, Total Dissolved Salts (TDS) (calculation); Total Nitrogen (TN).	\$200.36	\$220.40
SS-SING-033	<b>Phosphorus - Colwell</b> Includes Phosphorus for alkaline soils.	\$22.23	\$24.45
SS-SING-034	<b>Phosphorus - Olsen</b> Includes Olsen Phosphorous - a measure of the intensity of Phosphorus.	\$22.23	\$24.45
SS-SING-175	<b>Carbon - Total (LECO) under AS4454/AS3743/AS4419</b> Includes moisture correction, Total Carbon (TC).	\$33.41	\$36.75
SS-SING-176	<b>Carbon - Total Organic (LECO) under AS4454/AS4419</b> Includes moisture correction, Total Organic Carbon (TOC).	\$44.55	\$49.00
SS-SING-177	<b>Carbon - Organic Matter under AS4454/AS3743/AS4419</b> Includes moisture correction, Total Organic Carbon (TOC), Organic Matter by calculation.	\$44.55	\$49.00
SS-SING-183	<b>Bulk Density under AS4419</b> Lab based bulk density on landscape soils. Note: 1 kg of sample is required to complete testing.	\$22.23	\$24.45
BSP	<b>Biological Starter Pack (&lt;15 samples)</b> Active and total bacteria, active and total fungi, Protozoa, nematodes and Mycorrhizal Colonization. VAM samples must include roots from the desired plant.	\$289.36	\$318.30
BSP-B	<b>Biological Starter Pack (15+ samples)</b> Active and total bacteria, active and total fungi, Protozoa, nematodes and Mycorrhizal Colonization. VAM samples must include roots from the desired plant.	\$253.77	\$279.15

Code	Item	Price Excl. GST	Price incl. GST
PROT	<b>Protozoa</b> These large single-celled organisms feed upon bacteria and excrete nitrogen in the plant available form of ammonium, so are essential to healthy plant growth. One morphological group, the Ciliates, feed preferentially on anaerobic bacteria, so a high ciliate population may indicate anaerobic conditions which need to be addressed.	\$76.77	\$84.45
NEM	<b>Nematodes</b> A very large group of very small worms, these are everywhere on earth. Of the soil-dwelling species, some cause significant crop damage, some prey on other nematodes, and most graze on bacteria and fungi, cycling nitrogen in plant available form. We count the number in a given weight of soil, and identify them to genus and function.	\$96.77	\$106.45
VAM	<b>Mycorrhizal Colonization</b> Over 90% of all plants of Earth form symbiotic relationships with mycorrhizal fungi. These fungi increase the nutrient uptake capacity of the plant and protect it against pathogens. We determine what percentage of your roots are colonized, and also look for signs of disease and other damage.	\$83.45	\$91.80
AB	<b>Active Bacteria</b> Only that percentage of the bacteria which are currently metabolising organic compounds are directly nourishing the plants; if this portion is too low, bacterial foods may be required to stimulate the dormant population.	\$43.41	\$47.75
TB	<b>Total Bacteria</b> The optimal bacterial biomass in the soil varies according to crop, climate and season; if it is not within this range, bacterial inocula or foods may be required.	\$48.95	\$53.85
AF	<b>Active Fungi</b> As with bacteria, only those fungi which are currently growing and metabolizing are directly nourishing the plants, so the dormant part of the population may need feeding if the activity is low.	\$43.41	\$47.75
TF	<b>Total Fungi</b> As with bacteria, the optimal range varies according to crop, climate and season, and may require amendment if outside this range.	\$43.41	\$47.75
SFW	<b>Simple Foodweb</b> This is a qualitative analysis of the diversity on the plant part submitted eg leaf, twig.	\$86.82	\$95.50
ECTC	<b>E. coli / Total Coliforms</b> This common intestinal bacterium has some disease-causing strains, and is an indicator of the presence of other harmful bacteria. Reported as Colony Forming Units per gram of compost or millilitre of compost tea. Standards are reported.	\$94.59	\$104.05
PSMO	<b>Pseudomonas</b> Pseudomonas is a bacterium species found commonly in the environment eg soil and water. It may be pathogenic, saprophytic or beneficial.	\$50.05	\$55.05
SAMO	<b>Salmonella</b> A bacterium commonly reported in cases of food poisoning. Confirmation of Salmonella spp by means of biochemical tests. Species identification requires molecular techniques.	\$66.77	\$73.45
TPC	<b>Total Plate Count</b> Estimation of the total number of microorganisms in a material (fungi (including yeasts) and bacteria. Reported as colony forming units. mL or gm cfus/mL/gm	\$50.05	\$55.05
QA	<b>Qualitative Assessment</b> This fast evaluation does not provide actual counts or biomasses of organisms but based on a visual scan of populations tells you whether your bacteria, fungi, protozoa and nematodes are present in excellent, good, adequate or poor numbers.	\$86.82	\$95.50
PPP	<b>Phytophthora, Phytophthium and Pythium Species - Kingdom Protista</b> Test for parasitic fungus-like microorganisms that cause diseases such as root rot on a wide range of plant species. DO NOT REFRIGERATE WATER OR SOIL OR PLANT SAMPLE.	\$76.77	\$84.45
SAL	<b>Salinity</b> This price applies to water from streams, dams, bores, wells or drains that is required for drinking by humans or animals or for agriculture/horticulture and which may be suspected of containing salt.	\$11.14	\$12.25

Code	Item	Price Excl. GST	Price incl. GST
PH	<b>pH</b> Optimal pH levels are an essential factor in maintaining water quality and healthy ecosystems. A measure of how acidic/basic water is.	\$11.14	\$12.25
TS	<b>Total Solids</b> Total solids measurements can be useful as an indicator of the effects of runoff from construction, agricultural practices, logging activities, sewage treatment plant discharges, and other sources.	\$22.23	\$24.45
UVAB	<b>UV Absorbance</b> Can be used to quantify organic compounds and those of inorganic metals by their absorbance or reflectance at specific wavelengths of light.	\$27.82	\$30.60
UVTRU	<b>UV Transmission (unfiltered)</b> UV Transmittance identifies how clean the water is.	\$27.82	\$30.60
UVTRF	<b>UV Transmission (filtered)</b> UV Transmittance identifies how clean the water is.	\$27.82	\$30.60

## Teas

Code	Item	Price Excl. GST	Price incl. GST
TAB	<b>Active Bacteria</b> Only that percentage of the bacteria which are currently metabolising organic compounds are directly nourishing the plants; if this portion is too low, bacterial foods may be required to stimulate the dormant population.	\$36.77	\$40.45
TTB	<b>Total Bacteria</b> The optimal bacterial biomass in the soil varies according to crop, climate and season; if it is not within this range, bacterial inocula or foods may be required.	\$36.77	\$40.45
TAF	<b>Active Fungi</b> As with bacteria, only those fungi which are currently growing and metabolizing are directly nourishing the plants, so the dormant part of the population may need feeding if the activity is low.	\$36.77	\$40.45
TTF	<b>Total Fungi</b> As with bacteria, the optimal range varies according to crop, climate, and season, and may require amendment if outside this range.	\$36.77	\$40.45

## Identification

Code	Item	Price Excl. GST	Price incl. GST
IDLEAORG	<b>Leaf Organism</b> This test determines the effective coverage of organisms on the leaf surface, very useful for before and after comparisons of foliar applications of Compost Tea. Adequate coverage of leaf surfaces helps to reduce disease and pests.	\$76.77	\$84.45
IDFUNCUL	<b>Identification of Fungal Cultures</b> This price applies to fungal species in pure culture where an identification to genus can be made directly from the culture.	\$55.64	\$61.20
IDFUNCULSUB	<b>Identification of Fungal Cultures from a substrate or swab</b> This price applies when isolation is required from a substrate where surface sterilisation may be needed and material may need to be cut from material provided to be cultured onto specialised media and incubated before identification of species is possible. For example: rusts, cankers, gummosis, Fusarium, Verticillium, Rhizoctonia, Botrytis, Alternaria, Stemphylium species.	\$333.91	\$367.30
IDFUNTOSPE	<b>Identification of Fungal Cultures to species</b>	\$76.77	\$84.45

Code	Item	Price Excl. GST	Price incl. GST
	This price applies where an identification to species is requested.		
IDBACTOSPE	<b>Identification of Bacterial Species</b> This price applies to bacterial species where identification to genus and/or species is required. This may require sending to a second laboratory for full identification. If identification to species is required, we use a molecular laboratory for genus and species of pure culture.	\$456.32	\$501.95
IDMUSSPE	<b>Identification of Mushroom Species</b> This price applies wild mushrooms collected for eating or to assess their toxicity status. Many Australian mushrooms are unknown for edibility, so it is prudent to not eat any mushroom collected without a definite identification. Some Australian mushrooms look very similar to European mushrooms but are very different and may be toxic.	\$81.27	\$89.40

## Consulting

Code	Item	Price Excl. GST	Price incl. GST
APCBA	<b>Contract: Basic Annual</b> Unlimited phone conversations, 1 site visit, advice and reports. Price dependent on project.	POA	POA
APCBPA	<b>Contract: Basic Plus Annual</b> Unlimited phone conversations, 2 site visit, advice and reports. Price dependent on project.	POA	POA
APDAY	<b>Daily Rate</b>	\$1,875.00	\$2,062.50
APHOU	<b>Hourly Rate</b>	\$300.00	\$330.00
APKNS	<b>Keynote Speaker</b> Available for speaking events to groups and conferences. Community groups need to contact Dr Cole for other arrangements. Travel costs are added.	\$300.00/hr	\$330.00/hr
APMICUSE	<b>Microscope Instruction</b> This price is per person for a day of in-depth tuition in how to use and care for a microscope to obtain the maximum benefit regardless of the quality of the optics. Identification of microbes including fungi from compost, soil and compost tea is covered.	\$350.00	\$385.00
APPROJ	<b>Projects</b> Quoted on request.	POA	POA
APTECAS	<b>Technical Assistants</b> Technical assistants per hour. Accommodation and meals additional – if required.	\$60.00/hr	\$66.00/hr
APTKM	<b>Travel</b> Travel cost, charged per kilometre. Current ATO price.	\$0.85/km	\$0.94/km
APWFP	<b>Whole Farm Planning</b> Includes client consultation and site visit. Detailed whole farm planning report for sustainable agriculture. Topics covered may include future proofing the property for climate change, water management, wetland development, wildlife corridor construction, species advice and biological approach to soil health and plant health.	\$5,000.00	\$5,500.00
APWOR	<b>Workshops</b> AgPath workshops are available throughout the year. Further information can be found by visiting <a href="http://agpath.com.au/workshops">agpath.com.au/workshops</a>	-	-

## Products

Code	Item	Price Excl. GST	Price incl. GST
MICKIT	<b>Microscope Kit</b> Kit includes box of 50 microscope slides, box of cover slips, several plastic bulb pipettes, plastic collection/dilution bottles, bottle for alcohol, lens tissues for microscope.	\$30.00	\$33.00