

Price List – November 2022

PLANT DISEASE DIAGNOSTICS

General plant disease diagnosis (bacteria, fungi, viruses etc.)	\$220
Plant health survey analysis	\$250

SEED HEALTH TESTING

Seed-borne fungi	
• agar plate test, e.g. <i>Ascochyta</i> spp. (400 seeds)	\$210
• agar plate test, e.g. <i>Fusarium</i> spp in cereals (200 seeds)	\$190
• seed wash test, e.g. <i>Gloeotinia</i> , <i>Urocystis</i> and <i>Tilletia</i> spp.	\$210
• seed viability test, e.g. <i>Gloeotinia</i> , <i>Urocystis</i> .	\$250
• PCR + freezing blotter, e.g. <i>Leptosphaeria maculans</i>	\$450
Seed-borne bacteria	
• selective media plating e.g. <i>Pseudomonas</i> , <i>Xanthomonas</i> species and pathovars	\$210
• PCR, e.g. <i>Xanthomonas campestris</i> , <i>X. translucens</i> , <i>Agrobacterium</i>	\$275
• PCR, e.g. tomato/carrot seed for <i>Liberibacter solanacearum</i>	\$275
Seed borne viruses/viroids	
• Direct seed ELISA, e.g. PSbMV, ArMV, TRSV, etc.	\$210
• Grow-out ELISA, e.g. PSbMV	\$400
Nematodes	
• seed wash test, e.g. <i>Anguina</i> spp., <i>Ditylenchus dipsaci</i> .	\$210
Grass endophyte	
• Seed-borne test, 50 seeds	\$165
• Seed-borne test, 100 seeds	\$220
• Grow-out test, 50 seedlings	\$300
• Grow-out test, 100 seedlings	\$440

POTATO, KUMARA AND FLOWER BULB VIRUS TESTS

• ELISA, sample of 100 potato leaves for PLRV, PVA, PVM, PVS, PVX, PVY	\$745
• ELISA, sample 240 lily scales/leaves for three viruses	\$600
• PCR, Potato tissue culture for <i>Pectobacterium</i> , <i>Dickeya</i> , <i>Liberibacter</i> , six viruses, PSTVd	\$900
• PCR, five samples of 20 leaves, roots, tubers or soil for Potato mop-top virus	\$425

SOIL AND WATER-BORNE PATHOGENS

• Soil & water baiting, e.g. <i>Phytophthora</i> , <i>Pythium</i> , <i>Fusarium</i> , <i>Rhizoctonia</i> spp.	\$250
• Soil indexing, e.g. <i>Aphanomyces</i> root rot of peas	\$210
• PCR, e.g. Potato Wart/Scab	\$275

FOOD FORENSICS

Foreign matter, e.g. wood, insects, etc. (by PCR)	\$275
Fungi/bacterial culture ID (per isolate by PCR/sequencing)	\$250
• Confirming presence fungal	\$45
• ID to genus level only	\$95

Multiple samples may be undertaken at a negotiated price.

All prices are subject to GST. Payment may be made by credit card, or by invoice if a credit account has been agreed with AsureQuality.

For technical & price enquiries contact the Plant Health Lab team on freephone 0508 00 11 22, or at pathology@asurequality.com or visit <https://www.asurequality.com/services/laboratory-testing/plant-health-laboratory/>

NB: For invertebrate identifications (insects, mites, spiders, slugs & snails, nematodes etc) please contact the Lynfield Invertebrate Pest Lab team at pestlab@asurequality.com