

**MAF Biosecurity New Zealand
IDC Plant Health and Environment Laboratory**

**Price List for Pre-determined Pest & Disease Testing of Plants
7 January 2008 (to be revised July 2008)**

Organism	Test type	First sample ¹	Additional samples ¹
All pest and disease testing (1 charge/accession irrespective of number of tests)			
	Accessioning & reporting (including overheads)	250	-
Fungi, e.g. <i>Phytophthora ramorum</i>			
	Seed wash test	95	70
	Seed plate test	230	195
	Selective plating	35	20
	- morphological identification	45	45
	PCR ² - nucleic acid extraction	50	25
	- PCR test	95	10
Bacteria, e.g. <i>Xylella fastidiosa</i>			
	Selective plating	35	20
	ELISA	120	15
	PCR ² - nucleic acid extraction	50	25
	- PCR test	95	10
Phytoplasmas, e.g. Grapevine flavescence dorée phytoplasma			
	PCR ² - nucleic acid extraction	50	25
	- nested PCR test	120	25
Viruses, viroids and virus-like organisms, e.g. <i>Plum pox virus</i>			
	Electron microscopy	30	15
	Mechanical inoculation (herbaceous)	50	35
	ELISA	120	15
	PCR ² - nucleic acid extraction	50	25
	- PCR test	135	40
	Sequencing (direct)	70	60
	Sequencing (cloned product)	250	180

¹ All prices are quoted in New Zealand dollars. A Goods and Services tax (GST) of 12.5% will be added to these prices.

² Nucleic acid extraction is required prior to PCR testing; if additional PCR tests are required it may be possible to use the same extract and in such instances no further extraction charge will be made.

Examples of costs:

a) Testing 5 kiwifruit cuttings for *Apple stem grooving virus* by electron microscopy, mechanical inoculation and ELISA, and *Pseudomonas syringae* pv. *actinidiae* by PCR = \$1,245 + GST (Accessioning & reporting, \$500 + Electron microscopy, \$90 + Mechanical inoculation, \$190 + ELISA, \$180 + Nucleic acid extraction, \$150 + PCR; \$135 = \$1,245 + GST)

b) Testing 10 mandarin cuttings for *Citrus tristeza virus* (CTV) and *Citrus tatter leaf virus* (CTLV) by PCR = \$1,515 + GST (Accessioning & reporting, \$250 + Nucleic acid extraction, \$275 + CTV PCR, \$495 + CTLV PCR, \$495 = \$1,515 + GST)

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**Price List for Pre-determined Testing Required on Plants in Quarantine^{1, 2}
7 January 2008 (to be revised July 2007)**

Commodity	1 cultivar³	5 cultivars³	10 cultivars³
Nursery stock			
<i>Actinidia</i> spp. (kiwifruit)	845	1,245	1,745
<i>Castanea</i> (chestnut) & <i>Castanopsis</i>	395	535	710
<i>Ipomoea</i> (sweetpotato)	895	1,615	2,515
<i>Juglans</i> (walnut)	1,080	1,660	2,385
<i>Ribes</i> ('currant type')	1,200	2,240	3,540
<i>Ribes</i> ('gooseberry type')	775	1,435	2,260
<i>Solanum tuberosum</i> (potato)	3,425	6,225	10,085
<i>Vaccinium</i> spp. ('blueberry type')	1,775	2,855	4,205
<i>Vaccinium</i> spp. ('cranberry type')	855	1,255	1,755
Seed for sowing			
<i>Actinidia</i> spp. (kiwifruit)	420	620	870
<i>Castanea</i> (chestnut) & <i>Castanopsis</i>	No mandatory testing required		
<i>Ipomoea</i> (sweetpotato)	No mandatory testing required		
<i>Juglans</i> (walnut)	420	620	870
<i>Ribes</i> ('currant type')	420	620	870
<i>Ribes</i> ('gooseberry type')	420	620	870
<i>Solanum</i> spp. (potato)	980	1,720	2,645
<i>Vaccinium</i> spp. ('blueberry type')	780	1,160	1,635
<i>Vaccinium</i> spp. ('cranberry type')	780	1,160	1,635

¹ These costs include only those related to the pre-determined testing required in import health standards, they do not include the cost of:

- a) holding the plants in a post-entry quarantine facility; or
- b) diagnosing the cause of any pest and disease symptoms that may be observed by MAF during their routine inspections of plants in quarantine (i.e. symptoms caused by pests and diseases other than those for which the plants have been specifically tested).

² All prices are quoted in New Zealand dollars. A Goods and Services tax (GST) of 12.5% will be added to these prices.

³ It has been assumed that one plant of each cultivar is imported and the plants are tested simultaneously. If more than one plant is imported it may be possible to bulk and test up to five plants of the same cultivar together, depending on the type of plants imported. The cost of testing a sample from one plant is the same as the cost of testing a bulked sample from up to five plants.



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