



Apple Annual Report 2013 - 2014

Table 1 Fungicides

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
boscalid	Whole	0.01	2	314	0	0
buprimate	Whole	0.01	1	314	0	0
captan	Whole	0.01	10	314	0	0
carbendazim	Whole	0.01	Not Set	314	0	4
cyprodinil	Whole	0.01	0.05	314	0	0
difenoconazole	Whole	0.01	0.3	314	0	0
dithiocarbamates	Whole	0.2	3	314	4	0
dodine	Whole	0.01	5	314	0	0
fenarimol	Whole	0.01	0.2	314	0	0
fluazinam	Whole	0.01	0.01	314	0	0
fluquinconazole	Whole	0.01	0.3	314	0	0
flusilazole	Whole	0.01	0.2	314	0	0
imazalil	Whole	0.01	5	314	0	0
iprodione	Whole	0.01	3	314	2	0
kresoxim-methyl	Whole	0.01	0.1	314	0	0
myclobutanil	Whole	0.01	0.5	314	0	0
penconazole	Whole	0.01	0.1	314	0	0
thiabendazole	Whole	0.01	10	314	0	0
trifloxystrobin	Whole	0.01	0.3	314	0	0

Table 2 Herbicides

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
diuron	Whole	0.01	0.5	314	0	0
linuron	Whole	0.01	Not Set	314	0	0
simazine	Whole	0.01	0.1	314	0	0

Table 3 Insecticides - Acaracides

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
bifenazate	Whole	0.01	2	314	0	0
etoxazole	Whole	0.01	0.2	314	0	0
fenpyroximate	Whole	0.01	0.3	314	0	0
hexythiazox	Whole	0.01	1	314	0	0

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
propargite	Whole	0.01	3	314	1	0
tebufenpyrad	Whole	0.01	1	314	0	0
tetradifon	Whole	0.01	5	314	0	0

Table 4 Insecticides - Carbamates

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
carbaryl	Whole	0.01	5	314	0	0
methomyl	Whole	0.01	1	314	0	0
pirimicarb	Whole	0.01	0.5	314	0	0

Table 5 Insecticides - Insect growth regulator

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
fenoxycarb	Whole	0.01	2	314	0	0

Table 6 Insecticides - Organophosphates

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
azinphos-methyl	Whole	0.01	1	314	0	0
chlorpyrifos	Whole	0.01	0.5	314	2	0
diazinon	Whole	0.01	0.5	314	0	0
dimethoate	Whole	0.01	Not Set	314	0	0
fenitrothion	Whole	0.01	1	314	0	0
fenthion	Whole	0.01	0.25	314	0	0
malathion (maldison)	Whole	0.01	2	314	0	0
methidathion	Whole	0.01	0.2	314	0	0
omethoate	Whole	0.01	2	314	0	0
parathion	Whole	0.01	Not Set	314	0	0
parathion-methyl	Whole	0.01	Not Set	314	0	0
prothiofos	Whole	0.01	0.05	314	0	0
trichlorfon	Whole	0.01	0.1	314	0	0

Table 7 Insecticides - Pyrethroid

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
bifenthrin	Whole	0.01	0.05	314	1	2
bioresmethrin	Whole	0.01	Not Set	314	0	0
cyfluthrin (sum of isomers)	Whole	0.01	Not Set	314	0	0

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
cyhalothrin (sum of isomers)	Whole	0.01	Not Set	314	0	0
cypermethrin (sum of isomers)	Whole	0.01	1	314	0	0
deltamethrin	Whole	0.01	Not Set	314	0	0
esfenvalerate	Whole	0.01	Not Set	314	0	0
fenvalerate (sum of isomers)	Whole	0.01	Not Set	314	0	0
permethrin (sum of isomers)	Whole	0.01	Not Set	314	0	0
phenothrin (sum of isomers)	Whole	0.01	Not Set	314	0	0
tau-fluvalinate	Whole	0.01	0.1	314	0	0

Table 8 Insecticides - Other

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
chlorantraniliprole	Whole	0.01	0.3	314	0	0
chlorfenapyr	Whole	0.01	0.5	314	0	0
clothianidin	Whole	0.01	2	314	0	0
imidacloprid	Whole	0.01	0.3	314	0	0
indoxacarb	Whole	0.01	2	314	0	0
spinosad	Whole	0.01	0.5	314	0	0
tebufenozide	Whole	0.01	1	314	0	0
thiacloprid	Whole	0.01	1	314	0	0

Table 9 Physiological Modifier - Scald Inhibitor

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
diphenylamine	Whole	0.01	10	314	0	0

Table 10 Contaminant - Organochlorine

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
aldrin and dieldrin (HHDN+HEOD)	Whole	0.01	0.05	314	0	0
DDT	Whole	0.01	1	314	0	0
dicofof	Whole	0.01	5	314	0	0
endosulfan	Whole	0.01	Not Set	314	0	0
heptachlor	Whole	0.01	Not Set	314	0	0
lindane (gamma-HCH)	Whole	0.01	2	314	0	0

LOR = Limit of reporting

Aust. Std = Australian Standard

Not set - No Australian Standard has been set for the chemical in the edible matrix and any detection is a contravention of the Australia New Zealand Food Standards Code.

No Limit - No Australian Standard applicable for the contaminant. The 'as low as reasonably achievable' principle applies. Detections at low levels are allowable.

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