Australian Government
Department of Agriculture

Onion 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
azoxystrobin	Whole	0.01	Not Set	82	0	0
benalaxyl	Whole	0.01	0.1	82	0	0
boscalid	Whole	0.01	1	82	0	0
carbendazim	Whole	0.01	0.2	82	0	0
chlorothalonil	Whole	0.01	10	82	0	0
dimethomorph (sum of E and Z isomers)	Whole	0.01	0.05	82	0	0
dithiocarbamates	Whole	0.2	4	82	0	0
iprodione	Whole	0.01	0.7	82	0	0
metalaxyl	Whole	0.01	0.1	82	0	0
oxadixyl	Whole	0.01	0.5	82	0	0
procymidone	Whole	0.01	0.2	82	0	0
tebuconazole	Whole	0.01	0.01	82	0	0

Table 2 Herbicides

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
chlorthal-dimethyl	Whole	0.01	5	82	0	0
cyanazine	Whole	0.01	0.02	82	0	0
ethofumesate	Whole	0.01	0.1	82	0	0
fluazifop-p-butyl	Whole	0.01	0.05	82	0	0
ioxynil	Whole	0.01	0.02	82	0	0
linuron	Whole	0.01	0.05	82	0	0
methabenthiazuron	Whole	0.01	0.05	82	0	0
metolachlor	Whole	0.01	Not Set	82	0	0
oxyfluorfen	Whole	0.01	0.05	82	0	0
pendimethalin	Whole	0.01	0.05	82	0	0
propachlor	Whole	0.01	2.5	82	0	0
quizalofop-ethyl	Whole	0.01	0.02	82	0	0
quizalofop-P-tefuryl	Whole	0.01	0.02	82	0	0

Table 3 Insecticides - Carbamate

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
methomyl	Whole	0.01	Not Set	82	0	0

Table 4 Insecticides - Organophosphates

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
chlorpyrifos	Whole	0.01	0.01	82	0	0
diazinon	Whole	0.01	0.7	82	0	0
dimethoate	Whole	0.01	0.7	82	0	0
fenamiphos	Whole	0.01	0.05	82	0	0
malathion (maldison)	Whole	0.01	2	82	0	0
methidathion	Whole	0.01	0.01	82	0	0
omethoate	Whole	0.01	2	82	0	0
parathion-methyl	Whole	0.01	Not Set	82	0	0
phorate	Whole	0.01	0.5	82	0	0

Table 5 Insecticides - Pyrethroid

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	0.05	82	0	0
cypermethrin (sum of isomers)	Whole	0.01	0.01	82	0	0
pyrethrins	Whole	0.01	1	82	0	0

Table 6 Insecticides - Other

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
spinosad	Whole	0.01	Not Set	82	0	0

Table 7 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	0.1	82	0	0
DDT	Whole	0.01	1	82	0	0
dicofol	Whole	0.01	5	82	0	0
endosulfan	Whole	0.01	Not Set	82	0	0
endrin	Whole	0.01	Not Set	82	0	0
HCH (or BHC)	Whole	0.01	Not Set	82	0	0
heptachlor	Whole	0.01	0.05	82	0	0
lindane (gamma-HCH)	Whole	0.01	2	82	0	0

Table 8 Contaminant - Heavy Metals

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
cadmium	Whole	0.01	No Limit	55	0	n/a
lead	Whole	0.01	0.1	55	0	0
mercury	Whole	0.01	No Limit	55	0	n/a

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.