Australian Government
Department of Agriculture

Almond 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	0.01	37	0	0
captan	Whole	0.05	0.3	51	0	0
carbendazim	Whole	0.01	Not Set	37	0	0
chlorothalonil	Whole	0.02	0.1	51	0	0
cyproconazole	Whole	0.01	Not Set	51	0	0
dithiocarbamates	Whole	0.1	3	37	0	0
iprodione	Whole	0.01	0.02	51	0	0
propiconazole	Whole	0.02	0.2	51	0	0

Table 2 Herbicides

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
bromoxynil	Whole	0.01	Not Set	37	0	0
carfentrazone-ethyl	Whole	0.01	0.05	37	0	0
diflufenican	Whole	0.01	Not Set	37	0	0
diquat	Whole	0.01	0.05	37	0	0
glufosinate	Whole	0.01	0.1	37	0	0
glyphosate	Whole	0.01	0.2	37	1	0
haloxyfop	Whole	0.01	0.05	37	0	0
isoxaben	Whole	0.01	0.01	37	0	0
napropamide	Whole	0.01	0.1	37	0	0
norflurazon	Whole	0.01	0.2	37	0	0
oryzalin	Whole	0.01	0.1	37	0	0
oxyfluorfen	Whole	0.05	0.05	51	0	0
paraquat	Whole	0.01	0.05	37	0	0
pendimethalin	Whole	0.01	0.05	37	0	0
simazine	Whole	0.01	0.1	37	0	0
trifluralin	Whole	0.02	Not Set	51	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
clofentezine	Whole	0.05	0.5	51	0	0
propargite	Whole	0.01	Not Set	51	0	0

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
pyridaben	Whole	0.02	0.05	51	0	0
tetradifon	Whole	0.05	Not Set	51	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	1	37	0	0
methiocarb	Whole	0.01	Not Set	37	0	0
pirimicarb	Whole	0.01	0.05	37	0	0

Table 5 Insecticides - Fumigants

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
phosphine total	Whole	0.005	0.01	37	0	0

Table 6 Insecticides - Insect growth regulator

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
pymetrozine	Whole	0.01	0.01	37	0	0

Table 7 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	0.05	51	0	0
diazinon	Whole	0.01	0.1	51	0	0
dichlorvos	Whole	0.01	2	51	0	0
dimethoate	Whole	0.01	Not Set	37	0	0
fenthion	Whole	0.01	Not Set	51	0	0
malathion (maldison)	Whole	0.05	8	51	0	0
methidathion	Whole	0.01	Not Set	51	0	0
parathion-methyl	Whole	0.01	Not Set	51	0	0
trichlorfon	Whole	0.01	0.1	37	0	0

Table 8 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	Not Set	37	0	0
bioresmethrin	Whole	0.01	Not Set	37	0	0
pyrethrins	Whole	0.1	1	51	0	0

Table 9 Insecticides - Other

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
chlorantraniliprole	Whole	0.02	0.05	51	0	0
piperonyl butoxide	Whole	0.01	8	51	0	0
spinosad	Whole	0.01	0.01	37	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	Not Set	51	0	0
chlordane	Whole	0.01	Not Set	51	0	0
DDT	Whole	0.01	Not Set	51	0	0
dicofol	Whole	0.05	5	51	0	0
endosulfan	Whole	0.01	Not Set	51	0	0
endrin	Whole	0.01	Not Set	51	0	0
HCB (hexachlorobenzene)	Whole	0.01	Not Set	51	0	0
HCH (or BHC)	Whole	0.01	Not Set	51	0	0
heptachlor	Whole	0.01	Not Set	51	0	0
lindane (gamma-HCH)	Whole	0.01	Not Set	51	0	0

Table 11 Contaminant - Heavy Metals

Chemical	Matrix	LOR (mg/kg)	Australia Std (mg/kg)	Number of Samples Tested	> ½ MRL to ≤ MRL	Above MRL
cadmium	Whole	0.005	No Limit	37	0	n/a
copper	Whole	0.01	25	37	1	0
lead	Whole	0.01	No Limit	37	0	n/a
mercury	Whole	0.01	No Limit	37	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.