Australian Government
Department of Agriculture, Fisheries and Forestry

Almond Annual Results 2011-12

Table 1 INSECTICIDES - ORGANOCHLORINES

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					> half Aust. Std ≤ Aust. Std	> Aust. Std
Aldrin and dieldrin	WHOLE	0.01	Not set	33	0	0
Chlordane	WHOLE	0.01	Not set	33	0	0
DDT	WHOLE	0.01	Not set	33	0	0
Dicofol	WHOLE	0.05	5	33	0	0
Endosulfan	WHOLE	0.01	0.05	33	0	0
Endrin	WHOLE	0.01	Not set	33	0	0
HCB	WHOLE	0.01	Not set	33	0	0
HCH (BHC)	WHOLE	0.01	Not set	33	0	0
Heptachlor	WHOLE	0.01	Not set	33	0	0
Lindane (gamma-HCH)	WHOLE	0.01	Not set	33	0	0

Table 2 INSECTICIDES - ORGANOPHOSPHATES

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					> half Aust. Std ≤ Aust. Std	> Aust. Std
Chlorpyrifos	WHOLE	0.01	0.05	33	0	0
Diazinon	WHOLE	0.01	0.1	33	0	0
Dichlorvos	WHOLE	0.01	2	33	0	0
Dimethoate	WHOLE	0.01	Not set	21	0	0
Fenthion	WHOLE	0.01	Not set	33	0	0
Malathion	WHOLE	0.05	8	33	0	0
Methidathion	WHOLE	0.01	Not set	33	0	0
Omethoate	WHOLE	0.01	Not set	21	0	0
Parathion-methyl	WHOLE	0.01	Not set	33	0	0
Trichlorfon	WHOLE	0.01	0.1	21	0	0

Table 3 OTHER INSECTICIDES

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					> half Aust. Std ≤ Aust. Std	> Aust. Std
Carbaryl	WHOLE	0.01	1	21	0	0
Chlorantraniliprole	WHOLE	0.01	0.05	33	0	0
Clofentezine	WHOLE	0.01	0.5	33	0	0
Methiocarb	WHOLE	0.01	Not set	21	0	0
Piperonyl butoxide	WHOLE	0.01	8	33	0	0
Pirimicarb	WHOLE	0.01	0.05	21	0	0
Propargite	WHOLE	0.01	Not set	33	0	0
Pymetrozine	WHOLE	0.01	0.01	21	0	0
Pyrethrins	WHOLE	0.01	1	33	0	0
Pyridaben	WHOLE	0.01	0.05	33	0	0
Spinosad	WHOLE	0.01	0.01	21	0	0
Tetradifon	WHOLE	0.01	Not set	33	0	0

Table 4 FUNGICIDES

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					> half Aust. Std ≤ Aust. Std	> Aust. Std
Azoxystrobin	WHOLE	0.01	0.01	21	0	0
Captan	WHOLE	0.05	0.3	33	0	0
Carbendazim	WHOLE	0.01	Not set	21	0	0
Chlorothalonil	WHOLE	0.02	0.1	33	0	0
Cyproconazole	WHOLE	0.01	Not set	33	0	0
Dithiocarbamates	WHOLE	0.10	3	33	0	0
Iprodione	WHOLE	0.01	0.02	33	0	0
Propiconazole	WHOLE	0.02	0.2	33	0	0

Table 5 HERBICIDES

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					> half Aust. Std ≤ Aust. Std	> Aust. Std
Bromoxynil	WHOLE	0.01	Not set	21	0	0
Carfentrazone-ethyl	WHOLE	0.01	0.05	21	0	0
Diflufenican	WHOLE	0.01	Not set	21	0	0
Diquat	WHOLE	0.01	0.05	21	0	0
Glufosinate	WHOLE	0.01	0.1	21	0	0
Glyphosate	WHOLE	0.01	0.2	21	0	0
Haloxyfop	WHOLE	0.01	0.05	21	0	0
Isoxaben	WHOLE	0.01	0.01	21	0	0
Napropamide	WHOLE	0.01	0.1	21	0	0
Norflurazon	WHOLE	0.01	0.2	21	0	0
Oryzalin	WHOLE	0.01	0.1	21	0	0
Oxyfluorfen	WHOLE	0.05	0.05	33	0	0
Paraquat	WHOLE	0.01	0.05	21	0	0
Pendimethalin	WHOLE	0.01	0.05	21	0	0
Simazine	WHOLE	0.01	0.1	21	0	0
Trifluralin	WHOLE	0.02	Not set	33	0	0

Table 6 FUMIGANTS

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					> half Aust. Std ≤ Aust. Std	> Aust. Std
Phosphine	WHOLE	0.01	0.01	21	0	0

Table 7 ENVIRONMENTAL CONTAMINANTS - METALS

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					> half Aust. Std ≤ Aust. Std	> Aust. Std
Cadmium	WHOLE	0.01	No limit	21	0	0
Copper	WHOLE	0.01	No limit	21	0	0
Lead	WHOLE	0.01	No limit	21	0	0
Mercury	WHOLE	0.01	No limit	21	0	0

Not set - No 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 standard applicable for the contaminant. The 'as low as reasonably achievable' principle applies. Detections at low levels are allowable.