



Australian Government

Department of Agriculture, Fisheries and Forestry

Pear 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 & Dieldrin	WHOLE	0.01	0.05	142	0	0
DDT	WHOLE	0.01	1	142	0	0
Dicofol	WHOLE	0.01	5	142	0	0
Endosulfan	WHOLE	0.01	1	142	0	0
Heptachlor	WHOLE	0.01	Not set	142	0	0
Lindane (γ-HCH)	WHOLE	0.01	0.5	142	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
Azinphos-methyl	WHOLE	0.01	2	142	0	0
Chlorpyrifos	WHOLE	0.01	0.5	142	0	0
Diazinon	WHOLE	0.01	0.5	142	0	0
Dimethoate (RD)	WHOLE	0.01	5	142	0	0
Fenitrothion	WHOLE	0.01	1	142	0	0
Fenthion	WHOLE	0.01	2	142	0	0
Malathion	WHOLE	0.01	0.5	142	1	0
Methidathion	WHOLE	0.01	0.2	142	0	0
Omethoate	WHOLE	0.01	2	142	0	0
Parathion	WHOLE	0.01	Not Set	142	0	0
Parathion-methyl	WHOLE	0.01	0.5	142	0	0
Prothiofos	WHOLE	0.01	0.05	142	0	0
Trichlorfon	WHOLE	0.01	0.1	142	0	0

Table 3 INSECTICIDES - SYNTHETIC PYRETHROIDS

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
Bifenthrin	WHOLE	0.01	0.5	142	3	0
Bioresmethrin	WHOLE	0.01	Not set	142	0	0
Cyfluthrin	WHOLE	0.01	Not set	142	0	0
Cyhalothrin	WHOLE	0.01	Not set	142	0	0
Cypermethrin	WHOLE	0.01	1	142	0	0
Deltamethrin	WHOLE	0.01	Not set	142	0	0
Fenvalerate	WHOLE	0.01	1	142	0	0
Permethrin	WHOLE	0.01	Not set	142	0	0
Phenothrin	WHOLE	0.01	Not set	142	0	0
Tau-fluvalinate	WHOLE	0.01	Not set	142	0	0

Table 4 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
Bifenazate	WHOLE	0.01	2	142	0	0
Carbaryl	WHOLE	0.01	5	142	0	0
Chlorantranilipole	WHOLE	0.01	0.3	142	0	0
Chlorfenapyr	WHOLE	0.01	0.5	142	0	0
Clothianidin	WHOLE	0.01	0.5	142	0	0
Cyprodinil	WHOLE	0.01	0.05	142	0	0
Etoxazole	WHOLE	0.01	0.2	142	0	0
Fenoxycarb	WHOLE	0.01	2	142	0	0
Fenpyroximate	WHOLE	0.01	0.3	142	0	0
Hexythiazox	WHOLE	0.01	1	142	0	0

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
Imidacloprid	WHOLE	0.01	Not set	142	0	0
Indoxacarb	WHOLE	0.01	2	142	0	0
Methomyl	WHOLE	0.01	3	142	0	0
Pirimicarb	WHOLE	0.01	0.5	142	0	0
Propargite	WHOLE	0.01	3	142	0	0
Spinosad	WHOLE	0.01	0.5	142	0	0
Tebufenozide	WHOLE	0.01	1	142	0	0
Tebufenpyrad	WHOLE	0.01	1	142	0	0
Tetradifon	WHOLE	0.01	5	142	0	0
Thiacloprid	WHOLE	0.01	1	142	0	0

Table 5 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
Boscalid	WHOLE	0.01	2	142	0	0
Bupirimate	WHOLE	0.01	Not set	142	0	0
Captan	WHOLE	0.01	10	142	0	0
Carbendazim	WHOLE	0.01	Not set	142	0	4
Difenoconazole	WHOLE	0.01	0.3	142	0	0
Dithiocarbamates	WHOLE	0.20	3	142	8	0
Dodine	WHOLE	0.01	5	142	0	0
Fenarimol	WHOLE	0.01	0.2	142	0	0
Fluazinam	WHOLE	0.01	0.01	142	0	0
Fluquinconazole	WHOLE	0.01	0.3	142	0	0
Flusilazole	WHOLE	0.01	0.2	142	0	0
Imazalil	WHOLE	0.01	5	142	1	0
Iprodione	WHOLE	0.01	3	142	3	0
Kresoxsim-methyl	WHOLE	0.01	0.1	142	0	0
Myclobutanil	WHOLE	0.01	0.5	142	0	0

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
Penconazole	WHOLE	0.01	0.1	142	0	0
Thiabendazole	WHOLE	0.01	10	142	0	0
Trifloxystrobin	WHOLE	0.01	0.3	142	0	0

Table 6 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
Diuron	WHOLE	0.01	0.5	142	0	0
Linuron	WHOLE	0.01	Not set	142	0	0
Simazine	WHOLE	0.01	0.1	142	0	0

Table 7 PHYSIOLOGICAL MODIFIERS - SCALD INHIBITORS

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
Diphenylamine	WHOLE	0.01	7	142	3	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.