



Australian Government

Department of Agriculture, Fisheries and Forestry

Onion 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	0.1	100	0	0
DDT	WHOLE	0.01	1	100	0	0
Dicofol	WHOLE	0.01	5	100	0	0
Endosulfan	WHOLE	0.01	Not set	100	0	0
Endrin	WHOLE	0.01	Not set	100	0	0
HCH	WHOLE	0.01	Not set	100	0	0
Heptachlor	WHOLE	0.01	0.05	100	0	0
Lindane (γ-HCH)	WHOLE	0.01	2	100	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	0.01	100	0	0
Diazinon	WHOLE	0.01	0.7	100	0	0
Dimethoate (RD)	WHOLE	0.01	2	100	0	0
Fenamiphos	WHOLE	0.01	0.05	100	0	0
Malathion	WHOLE	0.01	2	100	0	0
Methidathion	WHOLE	0.01	0.01	100	0	0
Omethoate	WHOLE	0.01	2	100	0	0
Parathion-methyl	WHOLE	0.01	Not set	100	0	0
Phorate	WHOLE	0.01	0.5	100	0	0

Table 3 INSECTICIDES - SYNTHETIC PYRETHROIDS

Chemical	Matrix	LOR (mg/kg)	Aust. Std	Number of samples	Analytical findings (number of detections)
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			(mg/kg)	tested	>half Aust. Std ≤ Aust. Std	> Aust. Std
Cyhalothrin	WHOLE	0.01	0.05	100	0	0
Cypermethrin	WHOLE	0.01	0.01	100	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
Methomyl	WHOLE	0.01	Not set	100	0	0
Spinosad	WHOLE	0.01	Not set	100	0	0
pyrethrins	WHOLE	0.01	1	100	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
Azoxystrobin	WHOLE	0.01	Not set	100	0	0
Benalaxyl	WHOLE	0.01	0.1	100	0	0
Boscalid	WHOLE	0.01	1	100	0	0
Carbendazim	WHOLE	0.01	3	100	0	0
Chlorothalonil	WHOLE	0.01	10	100	0	0
Dimethomorph	WHOLE	0.01	0.05	100	0	0
Dithiocarbamates	WHOLE	0.01	4	100	0	0
Iprodione	WHOLE	0.01	0.2	100	0	0
Metalaxyl	WHOLE	0.01	0.1	100	0	0
Oxadixyl	WHOLE	0.01	0.5	100	0	0
Procymidone	WHOLE	0.01	0.2	100	0	0
Tebuconazole	WHOLE	0.01	0.01	100	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
Chlorthal-dimethyl	WHOLE	0.01	5	100	0	0
Cyanazine	WHOLE	0.01	0.02	100	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
Ethofumesate	WHOLE	0.01	0.1	100	0	0
Fluazifop-p-butyl	WHOLE	0.01	0.05	100	0	0
Ioxynil	WHOLE	0.01	0.02	100	0	0
Linuron	WHOLE	0.01	0.05	100	0	0
Methabenzthiazuron	WHOLE	0.01	0.05	100	0	0
Metolachlor	WHOLE	0.01	Not set	100	0	0
Oxyfluorfen	WHOLE	0.01	0.05	100	0	0
Pendimethalin	WHOLE	0.01	0.05	100	0	0
Propachlor	WHOLE	0.01	2.5	100	0	0
Quizalofop-ethyl	WHOLE	0.01	0.02	100	0	0
Quizalofop-p-terfuryl	WHOLE	0.01	0.02	100	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	35	0	0
Lead	WHOLE	0.01	0.1	35	0	0
Mercury	WHOLE	0.01	No limit	35	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.