



Plant product residue testing

National Residue Survey 2008–2009

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RANDOM MONITORING

The primary function of NRS is to monitor chemical residues and environmental contaminants in the products of participating industries. Participation by the grain and horticultural industries in the National Residue Survey (NRS) plant product random residue monitoring program is voluntary and based on marketing and trade-related decisions made by the participating industries.

Australia's grain harvest and exports of winter crops for the financial year 2008–2009 increased compared with the previous year, though they were still below mid-year expectations due to a lack of spring rainfall. Summer crop harvest and exports were below the previous years totals, but were above the long-term averages. As a result, forecast sample numbers were achieved for residue testing in the domestic and bulk export grain programs.

Target sample numbers for participating horticultural industries were also achieved, although onion plantings were reduced, and there was a poor macadamia harvest due to climatic conditions.

Outputs

Outputs of the plant product random monitoring program are:

- provision to stakeholders of independent, authoritative and technically-sound residue data, reports and advice on Australian grain and horticultural products
- provision of residue monitoring data to meet the specific market access support requirements of participating industries.

Highlights

Grains

On 1 July 2008, NRS significantly increased the number of pesticides included in the grains multi-residue screen and reduced the level of reporting (LOR) for many of the pesticides to 0.01mg/kg. The grains program now has greater capacity to assess residue testing results against domestic and international MRLs, and therefore has improved relevance to international and domestic markets.

NRS also implemented an additional herbicide screen in which analyses were conducted on 520 randomly selected samples. The new screen comprised herbicides that could not be included in the main screen.

The milled products sub-program was expanded to include maize, soybean, triticale and their milled derivatives, as well as wheat, flour, bran and durum wheat, semolina and bran that had been tested previously. A mycotoxin monitoring project was again conducted during 2008–2009, with increased sample numbers (from 156 to 238).

NRS modified the export container sub-program sampling procedures to achieve greater coverage of container exports. Participating container packers now provide samples collected from each 'line' of grain. A 'line' of grain is defined as being from a particular supplier and/or locality. The sampling rate is an average of one sample per 4000 tonnes.

Horticulture

In the macadamia program, about 80 samples were collected from individual macadamia growers in addition to the standard 120 composite samples collected from macadamia processors. Results from these additional grower-specific samples are able to provide evidence of appropriate pesticide use within the industry on an individual-grower basis.

New sampling procedures were developed for the onion program in an effort to reduce costs and increase sampling efficiency. Previously third party samplers collected samples from the packing sheds. Samples are now taken by the packing shed quality assurance officers at the point of receipt and are forwarded directly to the appropriate laboratory.

The almond industry started a residue testing program in 2008–2009, with 64 samples from three processors in Victoria and South Australia.

Performance

PERFORMANCE INDICATOR ONE

Acceptance by participating industries and trading partners that the survey design for each commodity is technically sound, is risk-based and is structured to meet its objectives within agreed budgets.

Achievements

Acceptance of NRS residue monitoring programs	Residue monitoring programs were designed, operated and reviewed within agreed budgets by NRS, with the cooperation of, and to the satisfaction of, the peak industry bodies. The results of residue monitoring programs are used by industry to underpin their marketing and market access strategies by demonstrating to overseas and domestic markets their ongoing compliance.
Grains program review	Through extensive consultation with the grains industry, NRS implemented improvements to the grain monitoring program including changes to the LOR and sampling procedures. These changes ensure the program remains internationally and domestically relevant in terms of meeting national and international standards.
Horticulture program review	During 2008–2009, NRS reviewed the macadamia, onion, apple and pear monitoring programs so that sample numbers remained appropriate for forecast production levels. The sampling procedures for the onion and macadamia monitoring programs were modified to produce cost saving efficiencies. Following consultation with industry representatives, minor adjustments were made to the pesticide screens to reflect changes in the registration of pesticides for use on particular crops, as well as pesticides with perceived market sensitivities.

PERFORMANCE INDICATOR TWO

Delivery of programs in accordance with agreements between NRS and participating industries, including annually reviewed agreements with respect to:

- sampling rates
- turnaround time from sampling to presentation of test results
- reporting of contraventions to regulatory authorities.

Achievements

Delivery of residue monitoring programs to industry	Participating industries were satisfied with the delivery of grain and horticultural residue monitoring programs. Agreements between NRS and industries in terms of sampling rates, turnaround times for result reporting and reporting of residue detections over the Australian MRL to State regulatory authorities were also satisfied.
Reporting results to industry	<p>The agreed target between NRS and grains industry is 90% of all results to be reported within agreed timeframes. Stakeholders received 100% of export and domestic grain results within the agreed timeframes. Ongoing visits to grain establishments examining adherence to sampling procedures and guidelines ensures that the good record of reporting timeframes will continue.</p> <p>NRS provided results of horticulture monitoring programs to individual producers and/or packing sheds, supporting industry quality assurance programs, within agreed general turnaround times.</p>
Sampling rates	Within the constraints of climatic effects on grain and horticultural production, NRS achieved all agreed sampling rates.
Traceback and reporting residue contraventions	NRS reported contraventions to the relevant state or territory government regulatory authorities within agreed timeframes. The State Residue Coordinator Forum is convened by NRS and reviews traceback protocols and residue contraventions. State and Territory coordinators have the opportunity to raise concerns in relation to traceback investigations.

PERFORMANCE INDICATOR THREE

Presentation of high-quality and timely plans and reports on results to trading partners, industry and government.

Achievements

Grain and horticulture reports	NRS routinely prepared plans and reports for participating industries. Industry-specific reports on results were prepared for all grain and horticulture products, with their preparation timed to coincide with relevant industry annual general meetings and/or executive meetings. Grain and horticulture marketing bodies use NRS reports to demonstrate the residue integrity of their products.
Reports to Australian Government	NRS provided advice to the Department for briefings to executive and government. These briefings included advice on market access issues in regard to maize, barley, wheat, and pome fruit imports to Japan, Taiwan, Thailand and Korea. Advice was also provided on issues relating to changes in food standards laws and changes to MRLs.
Results of NRS plant products random residue monitoring programs 2008–2009	Detailed results of the grains random residue monitoring program can be found on pages 111–189 of this report and results of the horticulture programs on pages 191–203. In addition, the results are posted on the NRS website.

PERFORMANCE INDICATOR FOUR

Interaction and communication with participating industries is effective.

Achievements

Industry consultation	NRS consulted peak bodies of all participating grain and horticulture industries extensively to ensure that they remained informed of the operational, management and financial aspects of the residue monitoring programs. Each industry is routinely kept abreast of the progress of each program and advised of any difficulties as they arise.
Field tours of grain and shipping terminals	NRS continued to visit domestic grain establishments, including stockfeed manufacturers, feedlots, maltsters and flour mills, to ensure sampling procedures are understood and adhered to. As a result of regional field tours, several new domestic establishments and container exporters have been added to the list of participants in the grains program. The grain industry fully supports the auditing and sampling integrity objectives of these field tours.
Reviews	NRS continued to review elements of the grains monitoring program. Changes included increasing the number of analytes in the pesticide screen, lowering many of the LORs, implementation of an additional herbicide screen, increasing the number of samples tested for the presence of mycotoxins and an enhancement to the sampling procedures. Results from the regular six-monthly reviews undertaken by W J Murray Consulting Services continued to confirm NRS' performance in meeting industry requirements for the operation and management of the program. Reviews were conducted on all horticultural monitoring programs facilitating the development of a GlobalGap export pesticide screen for onions and the development of a heavy metals and a herbicide screen for macadamia.
Presentations by NRS	NRS submitted 2007–2008 residue monitoring plans and results to participating industries. NRS officers also presented proposals to Strawberries Australia Ltd and the Australian Fodder Industry Association in regard to initiating potential new NRS programs.
Awareness-raising articles	NRS officers submitted articles on NRS programs to <i>Onions Australia</i> , the <i>Australian Macadamia Society News Bulletin</i> and the <i>Tree Fruit Journal</i> .
Food standards for key markets	Food standards (grains, macadamia, onion and pome fruit) for some key international markets are available on the NRS website.

Outlook

Grains

During 2009, NRS will undertake a comprehensive review of the grains program through consultation with all key grain industry representatives and producer associations. NRS will consult with the Grains Council of Australia (GCA) and industry stakeholders to determine the level of support for broadening the scope of testing to include additional contaminants such as microbiological agents.

From 1 July 2009, changes to the NRS grain monitoring program include an increase in samples tested for additional herbicides (from 500 to 750), and for phosphine (from 90 to 500). These increased sample numbers will better demonstrate that the Australian grains industry follows good agricultural practice and maintain Australia's reputation as a supplier of quality produce.

NRS coordinated the production of the document *Postharvest chemical usage recommendations and outturn tolerances* with GCA and grain industry stakeholders. This document details the industry-agreed residue tolerances for domestic and overseas markets and is posted on the Grain Trade Australia website¹. NRS will continue to coordinate the input from grain industry stakeholders to ensure the document remains a useful tool for grain marketers and exporters.

Horticulture

It is anticipated that sampling and analysis of the current five commodities will continue next year.

NRS officers conducted a pesticide review for the apple and pear program during 2008–2009. Results of the risk assessment meant that an additional 25 pesticides will be included in the pesticide screen from 1 July 2009.

Possible new programs for 2009–2010

Certain horticultural and the fodder industries are considering undertaking chemical residue testing programs with NRS in 2009–2010, but have yet to make final decisions about proceeding.

Residue testing of plant products

Sample collection and analysis

Samples are collected at grain handling establishments by personnel using NRS-specified protocols and procedures, and using sampling equipment supplied by NRS. Export grain samples are collected at export terminals and container packing facilities while ships and containers are being loaded. Each bulk grain sample is collected, usually with automatic sampling equipment, as the grain is loaded. Samples of milling grain and their milled fractions are collected from domestic mills on randomly selected dates. Milled fraction samples such as flour, semolina, polenta, bran and kibble are collected as the whole grain is milled so that the results provide information on the relative concentration of pesticide residues in each fraction. Grain is also sampled on delivery to domestic users such as stock feed manufacturers, maltsters, feedlots, oilseed processors and processors of oats for human consumption.

Horticultural products are sampled directly from packing/processing sheds by personnel using NRS specific protocols and procedures, and using sampling equipment supplied by NRS. A component of the apple and pear program involves sample collection by third party agents at aggregation points such as packing sheds and markets.

Grain and horticulture samples are freighted overnight directly to a laboratory that is responsible for sample registration as well as certain analyses. If necessary, it forwards samples to a second laboratory.

¹ www.graintrade.org.au

Summary of results: all plant products

Residue monitoring in 2008–2009 for the grains program covered 21 cereal, pulse and oilseed commodities. Wheat (55%) and barley (18%) comprised the largest proportion of samples collected. A total of 4162 grain samples were tested in the main pesticide screen. Sample numbers and results of residue testing for the grains program are shown in the summary table that follows.

In the horticulture program, five products were monitored for residues (almond, apple, macadamia, onion and pear) with 998 samples in all being analysed. The sample numbers and results of residue testing for each commodity are shown in the summary table on the following page.

Detailed comments and results tables follow, starting on page 111 for grains and page 191 for horticulture.

Commodity	Number of samples ^a	Number of analyses ^b	Compliance with relevant standards (%) ^c
GRAINS			
Coarse grains			
Barley	745	69 731	
Maize	19	1 748	
Oat	39	3 588	
Sorghum	360	33 694	
Triticale	6	562	
Wheat (grain)	2 254	211 005	
Wheat (bran)	160	14 720	
Wheat (flour)	161	14 815	
Wheat (durum)	35	3 309	
Wheat (durum bran)	8	736	
Wheat (semolina)	8	736	
Total coarse grains	3 795	354 644	99.5
Pulses			
Chickpea	31	3 005	
Faba bean	19	1 822	
Field pea	17	1 596	
Lentil	10	985	
Lupin	30	2 906	
Mungbean	5	486	
Navy bean	1	92	
Total pulses	113	10 892	96.4
Oilseeds			
Canola	229	21 661	
Soybean	6	592	
Sunflower	19	1 758	
Total oilseeds	254	24 011	96.1
Total grains	4 162	389 547	99.2
HORTICULTURE			
Almond	64	2 807	100.0
Apple	471	21 195	100.0
Macadamia nut	204	3 465	100.0
Onion	123	4 020	100.0
Pear	136	6 120	100.0
Total horticulture	998	37 607	100.0
Total all samples	5 160	427 154	

^a Total number of samples collected from commodity.

^b Most samples are analysed for more than one chemical. This figure represents the total number of chemical-commodity combinations that were specifically tested in each product type.

^c Percentage of samples conforming to Australian Standards.

Discussion: grains results

The grain random monitoring program covered 21 commodities, with 4162 samples collected and analysed. More than 50% of the samples were of wheat and its milled fractions, bran and flour.

Overall, compliance with Australian Standards was 99.2%. Of the 32 pesticide residues detected above Australian Standards, seven occurred in export container grain and 24 in domestic grain.

Pesticides

A range of pesticides is used either in-crop for agronomic purposes, or for post-harvest grain protection. The NRS multi-residue screen is used to detect residues of such chemicals registered for use in Australia, as well as some chemicals of concern to industry that are registered in overseas markets for use on grains. The principal groups of pesticides covered are organophosphates, synthetic pyrethroids, and carbamate insecticides, insect growth regulators, other non-category insecticides, fungicides and herbicides. All 4162 grain samples were tested with the multi-residue screen, and, from these, 520 samples were tested against an additional herbicide screen that requires alternate analytical methodology to that of the multi-residue screen.

In the bulk export grain sub-program 2621 samples were collected and analysed. These showed a compliance rate of 100% with Australian Standards.

In the export container grain sub-program, 391 samples were collected and tested. They showed a compliance rate of 98.2% with Australian Standards. The seven non-compliant samples contained residues of the fungicide difenoconazole in wheat (1), the organophosphate dichlorvos in chickpea (2) and mung bean (1), the herbicide haloxyfop in chickpea (1) and canola (1) and the herbicide atrazine in wheat (1).

During 2008–2009, 1150 samples were collected in the domestic grain program from domestic establishments including stock feed manufacturers, flour mills, maltsters, feedlots, oilseed processors and processors of oats for human consumption. All but 25 domestic samples complied with Australian Standards, showing a compliance rate of 97.9%. There were six contraventions in the milled products sub-program, eight in the oilseed sub-program, nine in the stock feed sub-program, one in the maltster sub-program and one in the feedlots sub-program. The remaining sub-programs achieved 100% compliance with Australian Standards.

In the oilseed sub-program, 254 samples were collected and tested, with results showing a 97.2% compliance rate with Australian Standards. There were eight residue detections: the fungicide fluquinconazole in canola (1); the organophosphate azamethiphos in canola (1); the insecticides triadimefon (2) and carbaryl (1) in canola; the herbicide haloxyfop in canola (2); the synthetic pyrethroids cypermethrin (1) and cyfluthrin(1) in sunflower, and the organophosphate chlorpyrifos-methyl (1) in sunflower.

In the stockfeed manufacturers sub-program, results from the 315 samples showed 97.5% compliance with Australian Standards. Nine samples contained residues: the organophosphates azamethiphos in wheat (1) and dichlorvos in triticale (1); the herbicide haloxyfop in canola (1); the fungicides iprodione in barley (1), fluquinconazole in triticale (1), wheat (1) and sorghum (1), difenoconazole in wheat (1), and the fumigant phosphine in wheat (1).

One residue of the fungicide fluquinconazole was detected in a sorghum grain sample from the 109 samples collected in the feedlot sub-program, demonstrating 99.1% compliance with Australian Standards.

A residue of the organophosphate dichlorvos was detected in excess of the Australian Standard in one of the 79 samples of barley collected in the maltster sub-program, demonstrating 98.7% compliance with Australian Standards.

Six of the 505 samples collected in the milled products sub-program contained residues above the relevant Australian Standards. Detections were: the fungicide fluquinconazole in bran (1), the organophosphate chlorpyrifos in wheat (1) and bran (2) and the synthetic pyrethroid deltamethrin (1) and organophosphate fenitrothion in bran (1). Overall, there was 98.8% compliance with Australian Standards.

Fumigants

During the reporting period, 94 grain samples were selected at random by the multi-residue screen-testing laboratory and forwarded to a phosphine testing laboratory to determine total phosphine residues. Any residues found to be equal to or above 0.002 mg/kg initiate further analysis of the sample to determine the component of the residue due to unreacted phosphide and/or absorbed phosphine. In these samples there was 99% compliance with Australian Standards, with only one sample containing phosphine residues.

Organochlorines

This test covers several chemicals that were once widely used in agriculture and are known to persist in the environment. In addition to detecting these older organochlorine pesticides, the test method also covers endosulfan, a relatively non-persistent organochlorine registered for certain agricultural uses. There were no detections of any organochlorines in the 4162 samples tested, showing 100% compliance with Australian Standards.

Environmental contaminants

Tests for three environmental metal contaminants (cadmium, lead and mercury) were conducted on 303 samples. There were no detections of environmental contaminants above Australian maximum limits (MLs) in any grain sample tested.

Traceback of contravening samples

The purpose of the traceback investigation is to trace the sample to the location where the non-compliance occurred. However, as grain is aggregated for storage, and further aggregation occurs prior to marketing, traceback investigations to determine the source and cause of the residue become increasingly difficult to resolve. Where the reasons for the contravening residue can be determined, the responsible state agency will conduct extension and education activities to minimise reoccurrence.

If the cause of the non-compliance is determined, then the responsible authority may undertake corrective action with a view to preventing a possible re-occurrence. This action may be education of the producer in correct chemical use or possible prosecution under more serious circumstances.

NRS is notified of traceback activities and findings, and a report is passed to the other states or territories, so that they are aware of similar non-compliance that could occur in their jurisdictions. Traceback information is also forwarded to APVMA for consideration during its chemical review processes.

Grains results tables

Results for the grains products (in alphabetical order by commodity name) are shown in the tables that begin on page 111. The heading LOR in the tables refers to the limit of reporting; this is the minimum concentration (mg/kg) of a residue used for reporting purposes. Results of analyses lower than the LOR are not included in this report. Typically the LOR set by NRS is 10–20% of the respective maximum residue limit (MRL), extraneous residue limit (ERL) or maximum limit (ML).

BARLEY	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
PESTICIDES						
<i>INSECTICIDES</i>						
<i>Organochlorines</i>						
Aldrin and dieldrin	WHOLE	0.01	0.02	745	0	0
Chlordane	WHOLE	0.01	0.02	745	0	0
DDT	WHOLE	0.01	0.1	745	0	0
Endosulfan	WHOLE	0.01	0.1	745	0	0
Endrin	WHOLE	0.01	Not set	745	0	0
HCB	WHOLE	0.01	0.05	745	0	0
HCH	WHOLE	0.01	0.1	745	0	0
Heptachlor	WHOLE	0.01	0.02	745	0	0
Lindane (γ-HCH)	WHOLE	0.01	0.5	745	0	0
Methoxychlor	WHOLE	0.01	Not set	745	0	0
Mirex	WHOLE	0.01	Not set	745	0	0
Oxychlordane	WHOLE	0.01	0.02	745	0	0
<i>Organophosphates</i>						
Azamethiphos	WHOLE	0.01	0.1	745	0	0
Chlorfenvinphos	WHOLE	0.01	Not set	745	0	0
Chlorpyrifos	WHOLE	0.01	0.1	745	0	0
Chlorpyrifos-methyl	WHOLE	0.01	10.0	745	0	0
Diazinon	WHOLE	0.01	0.1	745	0	0
Dichlorvos	WHOLE	0.01	5.0	745	0	1
Dimethoate (RD)	WHOLE	0.01	0.05	745	0	0
Ethoprofos	WHOLE	0.005	0.005	745	0	0
Fenitrothion	WHOLE	0.01	10.0	745	1	0
Malathion	WHOLE	0.01	8.0	745	0	0
Methacrifos	WHOLE	0.01	Not set	745	0	0
Omethoate	WHOLE	0.01	0.05	745	0	0
Phosmet	WHOLE	0.01	0.05	745	0	0
Pirimiphos-methyl	WHOLE	0.01	7.0	745	0	0
Profenofos	WHOLE	0.01	Not set	745	0	0
Terbufos	WHOLE	0.01	0.01	745	0	0
Trichlorfon	WHOLE	0.01	0.1	745	0	0

BARLEY (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>Synthetic pyrethroids</i>						
Bifenthrin	WHOLE	0.01	2.0	745	0	0
Bioresmethrin	WHOLE	0.01	Not set	745	0	0
Cyfluthrin	WHOLE	0.01	2.0	745	0	0
Cyhalothrin	WHOLE	0.01	0.2	745	0	0
Cypermethrin	WHOLE	0.01	1.0	745	2	0
Deltamethrin	WHOLE	0.01	2.0	745	0	0
Fenvalerate	WHOLE	0.01	2.0	745	0	0
Permethrin	WHOLE	0.01	2.0	745	0	0
Phenothrin	WHOLE	0.01	Not set	745	0	0
<i>Other</i>						
Acetamiprid	WHOLE	0.01	Not set	745	0	0
Amitraz	WHOLE	0.01	Not set	745	0	0
Carbaryl	WHOLE	0.01	5.0	745	0	0
Diflubenzuron	WHOLE	0.01	2.0	745	0	0
Fipronil	WHOLE	0.005	Not set	745	0	0
Imidacloprid	WHOLE	0.01	0.05	745	0	0
Indoxacarb	WHOLE	0.01	Not set	745	0	0
Methomyl	WHOLE	0.01	0.1	745	0	0
Methoprene	WHOLE	0.01	2.0	745	0	0
Pyriproxyfen	WHOLE	0.01	Not set	745	0	0
Spinosad	WHOLE	0.01	1.0	745	0	0
Thiodicarb	WHOLE	0.01	Not set	745	0	0
Triflumuron	WHOLE	0.01	0.05	745	0	0
<i>FUNGICIDES</i>						
Azoxystrobin	WHOLE	0.01	0.02	745	0	0
Captafol	WHOLE	0.01	Not set	745	0	0
Carbendazim	WHOLE	0.01	0.05	745	0	0
Cyproconazole	WHOLE	0.01	0.02	745	0	0
Difenoconazole	WHOLE	0.01	0.01	745	0	0
Dithiocarbamates	WHOLE	0.01	0.5	97	0	0
Epoxiconazole	WHOLE	0.01	0.5	745	0	0
Etridiazole	WHOLE	0.01	Not set	745	0	0
Fluquinconazole	WHOLE	0.01	0.02	745	0	0
Flutriafol	WHOLE	0.01	0.2	745	0	0
Hexaconazole	WHOLE	0.01	Not set	745	0	0
Iprodione	WHOLE	0.01	Not set	745	0	1

BARLEY (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>FUNGICIDES (CONT'D)</i>						
Penconazole	WHOLE	0.01	Not set	745	0	0
Propiconazole	WHOLE	0.01	0.05	745	0	0
Prothioconazole	WHOLE	0.01	0.05	745	0	0
Tebuconazole	WHOLE	0.01	0.2	745	0	0
Thiabendazole	WHOLE	0.01	Not set	745	0	0
Triadimefon	WHOLE	0.01	0.5	745	0	0
Triadimenol	WHOLE	0.01	0.01	745	0	0
Triticonazole	WHOLE	0.01	0.05	745	0	0
<i>HERBICIDES</i>						
2,4-D	WHOLE	0.01	0.2	745	0	0
Amitrol	WHOLE	0.01	0.01	91	0	0
Atrazine	WHOLE	0.01	Not set	745	0	0
Bromoxynil	WHOLE	0.01	0.2	745	0	0
Carfentrazone-ethyl	WHOLE	0.01	0.05	745	0	0
Chlorsulfuron	WHOLE	0.01	0.05	745	0	0
Clethodim	WHOLE	0.01	0.1	745	0	0
Clodinafop-propargyl	WHOLE	0.01	Not set	745	0	0
Clopyralid	WHOLE	0.01	2.0	745	0	0
Dicamba	WHOLE	0.01	0.05	745	0	0
Diclofop-methyl	WHOLE	0.01	0.1	91	0	0
Diflufenican	WHOLE	0.01	0.05	745	0	0
Diquat	WHOLE	0.01	5.0	91	0	0
Diuron	WHOLE	0.01	0.1	745	0	0
Fenoxaprop-P-ethyl	WHOLE	0.01	0.01	91	0	0
Flamprop-M-methyl	WHOLE	0.01	Not set	91	0	0
Fluazifop-p-butyl	WHOLE	0.01	Not set	91	0	0
Glufosinate	WHOLE	0.01	Not set	91	0	0
Glyphosate	WHOLE	0.01	10.0	91	0	0
Haloxyfop	WHOLE	0.01	Not set	91	0	0
Iodosulfuron-methyl-sodium	WHOLE	0.01	Not set	745	0	0
MCPA	WHOLE	0.01	0.02	745	0	0
Metolachlor	WHOLE	0.01	0.02	745	0	0
Metosulam	WHOLE	0.01	0.02	745	0	0
Metsulfuron-methyl	WHOLE	0.01	0.02	745	0	0
Paraquat	WHOLE	0.01	0.05	91	0	0
Pendimethalin	WHOLE	0.01	0.05	745	0	0
Picloram	WHOLE	0.01	0.2	745	0	0

BARLEY (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>HERBICIDES (CONT'D)</i>						
Simazine	WHOLE	0.01	Not set	745	0	0
Tralkoxydim	WHOLE	0.01	0.02	745	0	0
Triasulfuron	WHOLE	0.01	0.02	745	0	0
Triclopyr	WHOLE	0.01	Not set	745	0	0
Trifluralin	WHOLE	0.01	0.05	745	0	0
<i>FUMIGANTS</i>						
Phosphine	WHOLE	0.005	0.1	19	0	0
ENVIRONMENTAL CONTAMINANTS						
<i>METALS</i>						
Cadmium	WHOLE	0.01	No limit	55	0	0
Lead	WHOLE	0.01	0.2	55	0	0
Mercury	WHOLE	0.01	No limit	55	0	0
LOR	Limit of reporting (mg/kg).					
Not set	No standard has been set for the chemical in an 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.					
n/a	Australian Standard does not apply. No limit set or defined.					

CANOLA	Matrix	LOR (mg/ kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
PESTICIDES						
<i>INSECTICIDES</i>						
<i>Organochlorines</i>						
Aldrin and dieldrin	WHOLE	0.01	Not set	229	0	0
Chlordane	WHOLE	0.01	Not set	229	0	0
DDT	WHOLE	0.01	Not set	229	0	0
Endosulfan	WHOLE	0.01	1.0	229	0	0
Endrin	WHOLE	0.01	Not set	229	0	0
HCB	WHOLE	0.01	Not set	229	0	0
HCH	WHOLE	0.01	Not set	229	0	0
Heptachlor	WHOLE	0.01	Not set	229	0	0
Lindane (γ-HCH)	WHOLE	0.01	0.05	229	0	0
Methoxychlor	WHOLE	0.01	Not set	229	0	0
Mirex	WHOLE	0.01	Not set	229	0	0
Oxychlordane	WHOLE	0.01	Not set	229	0	0
<i>Organophosphates</i>						
Azamethiphos	WHOLE	0.01	Not set	229	0	1
Chlorfenvinphos	WHOLE	0.01	Not set	229	0	0
Chlorpyrifos	WHOLE	0.01	0.05	229	0	0
Chlorpyrifos-methyl	WHOLE	0.01	Not set	229	0	0
Diazinon	WHOLE	0.01	Not set	229	0	0
Dichlorvos	WHOLE	0.01	0.1	229	0	0
Dimethoate (RD)	WHOLE	0.01	0.1	229	0	0
Ethoprofos	WHOLE	0.005	Not set	229	0	0
Fenitrothion	WHOLE	0.01	0.1	229	0	0
Malathion	WHOLE	0.01	Not set	229	0	0
Methacrifos	WHOLE	0.01	Not set	229	0	0
Omethoate	WHOLE	0.01	0.05	229	0	0
Phosmet	WHOLE	0.01	Not set	229	0	0
Pirimiphos-methyl	WHOLE	0.01	Not set	229	0	0
Profenofos	WHOLE	0.01	Not set	229	0	0
Terbufos	WHOLE	0.01	Not set	229	0	0
Trichlorfon	WHOLE	0.01	0.1	229	0	0

CANOLA (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>Synthetic pyrethroids</i>						
Bifenthrin	WHOLE	0.01	0.02	229	0	0
Bioresmethrin	WHOLE	0.01	Not set	229	0	0
Cyfluthrin	WHOLE	0.01	0.05	229	0	0
Cyhalothrin	WHOLE	0.01	0.02	229	0	0
Cypermethrin	WHOLE	0.01	0.2	229	0	0
Deltamethrin	WHOLE	0.01	0.1	229	0	0
Fenvalerate	WHOLE	0.01	0.5	229	0	0
Permethrin	WHOLE	0.01	0.2	229	0	0
Phenothrin	WHOLE	0.01	Not set	229	0	0
<i>Other</i>						
Acetamiprid	WHOLE	0.01	Not set	229	0	0
Amitraz	WHOLE	0.01	Not set	229	0	0
Carbaryl	WHOLE	0.01	Not set	229	0	1
Diflubenzuron	WHOLE	0.01	Not set	229	0	0
Fipronil	WHOLE	0.005	0.01	229	0	0
Imidacloprid	WHOLE	0.01	0.05	229	0	0
Indoxacarb	WHOLE	0.01	0.05	229	0	0
Methomyl	WHOLE	0.01	0.5	229	0	0
Methoprene	WHOLE	0.01	Not set	229	0	0
Pyriproxyfen	WHOLE	0.01	Not set	229	0	0
Spinosad	WHOLE	0.01	Not set	229	0	0
Thiodicarb	WHOLE	0.01	Not set	229	0	0
Triflumuron	WHOLE	0.01	Not set	229	0	0
<i>FUNGICIDES</i>						
Azoxystrobin	WHOLE	0.01	Not set	229	0	0
Captafol	WHOLE	0.01	Not set	229	0	0
Carbendazim	WHOLE	0.01	Not set	229	0	0
Cyproconazole	WHOLE	0.01	Not set	229	0	0
Difenoconazole	WHOLE	0.01	Not set	229	0	0
Dithiocarbamates	WHOLE	0.01	Not set	27	0	0
Epoxiconazole	WHOLE	0.01	Not set	229	0	0
Etridiazole	WHOLE	0.01	Not set	229	0	0
Fluquinconazole	WHOLE	0.01	0.01	229	0	1
Flutriafol	WHOLE	0.01	0.02	229	0	0
Hexaconazole	WHOLE	0.01	Not set	229	0	0
Iprodione	WHOLE	0.01	0.5	229	0	0

CANOLA (cont'd)	Matrix	LOR (mg/ kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>FUNGICIDES (cont'd)</i>						
Penconazole	WHOLE	0.01	Not set	229	0	0
Propiconazole	WHOLE	0.01	Not set	229	0	0
Prothioconazole	WHOLE	0.01	Not set	229	0	0
Tebuconazole	WHOLE	0.01	Not set	229	0	0
Thiabendazole	WHOLE	0.01	Not set	229	0	0
Triadimefon	WHOLE	0.01	Not set	229	0	2
Triadimenol	WHOLE	0.01	Not set	229	0	0
Triticonazole	WHOLE	0.01	Not set	229	0	0
<i>HERBICIDES</i>						
2,4-D	WHOLE	0.01	0.05	229	0	0
Amitrole	WHOLE	0.01	Not set	50	0	0
Atrazine	WHOLE	0.01	0.02	229	0	0
Bromoxynil	WHOLE	0.01	Not set	229	0	0
Carfentrazone-ethyl	WHOLE	0.01	Not set	229	0	0
Chlorsulfuron	WHOLE	0.01	Not set	229	0	0
Clethodim	WHOLE	0.01	0.5	229	0	0
Clodinafop-propargyl	WHOLE	0.01	Not set	229	0	0
Clopyralid	WHOLE	0.01	0.5	229	0	0
Dicamba	WHOLE	0.01	Not set	229	0	0
Diclofop-methyl	WHOLE	0.01	0.1	50	0	0
Diflufenican	WHOLE	0.01	Not set	229	0	0
Diquat	WHOLE	0.01	5.0	50	0	0
Diuron	WHOLE	0.01	0.5	229	0	0
Fenoxaprop-P-ethyl	WHOLE	0.01	Not set	50	0	0
Flamprop-M-methyl	WHOLE	0.01	Not set	50	0	0
Fluazifop-p-butyl	WHOLE	0.01	0.5	50	0	0
Glufosinate	WHOLE	0.01	0.05	50	0	0
Glyphosate	WHOLE	0.01	2.0	50	1	0
Haloxifop	WHOLE	0.01	0.1	50	4	2
Iodosulfuron-methyl-sodium	WHOLE	0.01	Not set	229	0	0
MCPA	WHOLE	0.01	Not set	229	0	0
Metolachlor	WHOLE	0.01	0.02	229	0	0
Metosulam	WHOLE	0.01	Not set	229	0	0
Metsulfuron-methyl	WHOLE	0.01	Not set	229	0	0
Paraquat	WHOLE	0.01	Not set	50	0	0
Pendimethalin	WHOLE	0.01	0.05	229	0	0
Picloram	WHOLE	0.01	Not set	229	0	0

CANOLA (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
HERBICIDES (cont'd)						
Simazine	WHOLE	0.01	0.02	229	0	0
Tralkoxydim	WHOLE	0.01	Not set	229	0	0
Triasulfuron	WHOLE	0.01	Not set	229	0	0
Triclopyr	WHOLE	0.01	Not set	229	0	0
Trifluralin	WHOLE	0.01	0.05	229	0	0
FUMIGANTS						
Phosphine	WHOLE	0.005	0.01	6	0	0
ENVIRONMENTAL CONTAMINANTS						
METALS						
Cadmium	WHOLE	0.01	No limit	20	0	0
Lead	WHOLE	0.01	No limit	20	0	0
Mercury	WHOLE	0.01	No limit	20	0	0
LOR	Limit of reporting (mg/kg).					
Not set	No standard has been set for the chemical in an 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.					
n/a	Australian Standard does not apply. No limit set or defined.					

CHICKPEA	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
PESTICIDES						
<i>INSECTICIDES</i>						
<i>Organochlorines</i>						
Aldrin and dieldrin	WHOLE	0.01	Not set	31	0	0
Chlordane	WHOLE	0.01	Not set	31	0	0
DDT	WHOLE	0.01	Not set	31	0	0
Endosulfan	WHOLE	0.01	0.1	31	0	0
Endrin	WHOLE	0.01	Not set	31	0	0
HCB	WHOLE	0.01	Not set	31	0	0
HCH	WHOLE	0.01	Not set	31	0	0
Heptachlor	WHOLE	0.01	Not set	31	0	0
Lindane (γ-HCH)	WHOLE	0.01	Not set	31	0	0
Methoxychlor	WHOLE	0.01	Not set	31	0	0
Mirex	WHOLE	0.01	Not set	31	0	0
Oxychlordane	WHOLE	0.01	Not set	31	0	0
<i>Organophosphates</i>						
Azamethiphos	WHOLE	0.01	Not set	31	0	0
Chlorfenvinphos	WHOLE	0.01	Not set	31	0	0
Chlorpyrifos	WHOLE	0.01	Not set	31	0	0
Chlorpyrifos-methyl	WHOLE	0.01	Not set	31	0	0
Diazinon	WHOLE	0.01	Not set	31	0	0
Dichlorvos	WHOLE	0.01	Not set	31	0	2
Dimethoate (RD)	WHOLE	0.01	Not set	31	0	0
Ethoprofos	WHOLE	0.005	Not set	31	0	0
Fenitrothion	WHOLE	0.01	0.1	31	0	0
Malathion	WHOLE	0.01	Not set	31	0	0
Methacrifos	WHOLE	0.01	Not set	31	0	0
Omethoate	WHOLE	0.01	Not set	31	0	0
Phosmet	WHOLE	0.01	Not set	31	0	0
Pirimiphos-methyl	WHOLE	0.01	Not set	31	0	0
Profenofos	WHOLE	0.01	Not set	31	0	0
Terbufos	WHOLE	0.01	Not set	31	0	0
Trichlorfon	WHOLE	0.01	0.2	31	0	0

CHICKPEA (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>Synthetic pyrethroids</i>						
Bifenthrin	WHOLE	0.01	0.02	31	0	0
Bioresmethrin	WHOLE	0.01	Not set	31	0	0
Cyfluthrin	WHOLE	0.01	0.5	31	0	0
Cyhalothrin	WHOLE	0.01	0.2	31	0	0
Cypermethrin	WHOLE	0.01	0.2	31	0	0
Deltamethrin	WHOLE	0.01	0.1	31	0	0
Fenvalerate	WHOLE	0.01	0.5	31	0	0
Permethrin	WHOLE	0.01	Not set	31	0	0
Phenothrin	WHOLE	0.01	Not set	31	0	0
<i>Other</i>						
Acetamiprid	WHOLE	0.01	Not set	31	0	0
Amitraz	WHOLE	0.01	Not set	31	0	0
Carbaryl	WHOLE	0.01	Not set	31	0	0
Diflubenzuron	WHOLE	0.01	Not set	31	0	0
Fipronil	WHOLE	0.005	Not set	31	0	0
Imidacloprid	WHOLE	0.01	Not set	31	0	0
Indoxacarb	WHOLE	0.01	0.2	31	0	0
Methomyl	WHOLE	0.01	1.0	31	0	0
Methoprene	WHOLE	0.01	Not set	31	0	0
Pyriproxyfen	WHOLE	0.01	Not set	31	0	0
Spinosad	WHOLE	0.01	0.01	31	0	0
Thiodicarb	WHOLE	0.01	0.1	31	0	0
Triflumuron	WHOLE	0.01	Not set	31	0	0
<i>FUNGICIDES</i>						
Azoxystrobin	WHOLE	0.01	Not set	31	0	0
Captafol	WHOLE	0.01	Not set	31	0	0
Carbendazim	WHOLE	0.01	0.5	31	0	0
Cyproconazole	WHOLE	0.01	Not set	31	0	0
Difenoconazole	WHOLE	0.01	Not set	31	0	0
Dithiocarbamates	WHOLE	0.01	0.5	6	0	0
Epoxiconazole	WHOLE	0.01	Not set	31	0	0
Etridiazole	WHOLE	0.01	Not set	31	0	0
Fluquinconazole	WHOLE	0.01	Not set	31	0	0
Flutriafol	WHOLE	0.01	Not set	31	0	0
Hexaconazole	WHOLE	0.01	Not set	31	0	0
Iprodione	WHOLE	0.01	Not set	31	0	0

CHICKPEA (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>FUNGICIDES (cont'd)</i>						
Penconazole	WHOLE	0.01	Not set	31	0	0
Propiconazole	WHOLE	0.01	Not set	31	0	0
Prothioconazole	WHOLE	0.01	Not set	31	0	0
Tebuconazole	WHOLE	0.01	Not set	31	0	0
Thiabendazole	WHOLE	0.01	Not set	31	0	0
Triadimefon	WHOLE	0.01	Not set	31	0	0
Triadimenol	WHOLE	0.01	Not set	31	0	0
Triticonazole	WHOLE	0.01	Not set	31	0	0
<i>HERBICIDES</i>						
2,4-D	WHOLE	0.01	0.05	31	0	0
Amitrole	WHOLE	0.01	Not set	13	0	0
Atrazine	WHOLE	0.01	Not set	31	0	0
Bromoxynil	WHOLE	0.01	Not set	31	0	0
Carfentrazone-ethyl	WHOLE	0.01	Not set	31	0	0
Chlorsulfuron	WHOLE	0.01	Not set	31	0	0
Clethodim	WHOLE	0.01	0.1	31	0	0
Clodinafop-propargyl	WHOLE	0.01	Not set	31	0	0
Clopyralid	WHOLE	0.01	Not set	31	0	0
Dicamba	WHOLE	0.01	Not set	31	0	0
Diclofop-methyl	WHOLE	0.01	Not set	13	0	0
Diflufenican	WHOLE	0.01	0.05	31	0	0
Diquat	WHOLE	0.01	1.0	13	0	0
Diuron	WHOLE	0.01	0.05	31	0	0
Fenoxaprop-p-ethyl	WHOLE	0.01	0.01	13	0	0
Flamprop-m-methyl	WHOLE	0.01	Not set	13	0	0
Fluazifop-p-butyl	WHOLE	0.01	0.5	13	0	0
Glufosinate	WHOLE	0.01	Not set	13	0	0
Glyphosate	WHOLE	0.01	5.0	13	0	0
Haloxyfop	WHOLE	0.01	0.1	13	0	1
Iodosulfuron-methyl-sodium	WHOLE	0.01	Not set	31	0	0
MCPA	WHOLE	0.01	Not set	31	0	0
Metolachlor	WHOLE	0.01	Not set	31	0	0
Metosulam	WHOLE	0.01	Not set	31	0	0
Metsulfuron-methyl	WHOLE	0.01	0.05	31	0	0
Paraquat	WHOLE	0.01	1.0	13	0	0
Pendimethalin	WHOLE	0.01	0.05	31	0	0
Picloram	WHOLE	0.01	not set	31	0	0

CHICKPEA (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>HERBICIDES (cont'd)</i>						
Simazine	WHOLE	0.01	0.05	31	0	0
Tralkoxydim	WHOLE	0.01	Not set	31	0	0
Triasulfuron	WHOLE	0.01	Not set	31	0	0
Triclopyr	WHOLE	0.01	Not set	31	0	0
Trifluralin	WHOLE	0.01	0.05	31	0	0
<i>FUMIGANTS</i>						
Phosphine	WHOLE	0.005	0.01	2	0	0
ENVIRONMENTAL CONTAMINANTS						
<i>METALS</i>						
Cadmium	WHOLE	0.01	No limit	5	0	0
Lead	WHOLE	0.01	0.2	5	0	0
Mercury	WHOLE	0.01	No limit	5	0	0
LOR	Limit of reporting (mg/kg).					
Not set	No standard has been set for the chemical in an 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.					
n/a	Australian Standard does not apply. No limit set or defined.					

FABA BEAN	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
PESTICIDES						
<i>INSECTICIDES</i>						
<i>Organochlorines</i>						
Aldrin and dieldrin	WHOLE	0.01	Not set	19	0	0
Chlordane	WHOLE	0.01	Not set	19	0	0
DDT	WHOLE	0.01	Not set	19	0	0
Endosulfan	WHOLE	0.01	1.0	19	0	0
Endrin	WHOLE	0.01	Not set	19	0	0
HCB	WHOLE	0.01	Not set	19	0	0
HCH	WHOLE	0.01	Not set	19	0	0
Heptachlor	WHOLE	0.01	Not set	19	0	0
Lindane (γ-HCH)	WHOLE	0.01	Not set	19	0	0
Methoxychlor	WHOLE	0.01	Not set	19	0	0
Mirex	WHOLE	0.01	Not set	19	0	0
Oxychlordane	WHOLE	0.01	Not set	19	0	0
<i>Organophosphates</i>						
Azamethiphos	WHOLE	0.01	Not set	19	0	0
Chlorfenvinphos	WHOLE	0.01	Not set	19	0	0
Chlorpyrifos	WHOLE	0.01	Not set	19	0	0
Chlorpyrifos-methyl	WHOLE	0.01	Not set	19	0	0
Diazinon	WHOLE	0.01	Not set	19	0	0
Dichlorvos	WHOLE	0.01	Not set	19	0	0
Dimethoate (RD)	WHOLE	0.01	Not set	19	0	0
Ethoprofos	WHOLE	0.005	Not set	19	0	0
Fenitrothion	WHOLE	0.01	0.1	19	0	0
Malathion	WHOLE	0.01	8.0	19	0	0
Methacrifos	WHOLE	0.01	Not set	19	0	0
Omethoate	WHOLE	0.01	Not set	19	0	0
Phosmet	WHOLE	0.01	Not set	19	0	0
Pirimiphos-methyl	WHOLE	0.01	Not set	19	0	0
Profenofos	WHOLE	0.01	Not set	19	0	0
Terbufos	WHOLE	0.01	Not set	19	0	0
Trichlorfon	WHOLE	0.01	0.2	19	0	0

FABA BEAN (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>Synthetic pyrethroids</i>						
Bifenthrin	WHOLE	0.01	0.02	19	0	0
Bioresmethrin	WHOLE	0.01	Not set	19	0	0
Cyfluthrin	WHOLE	0.01	0.5	19	0	0
Cyhalothrin	WHOLE	0.01	0.2	19	0	0
Cypermethrin	WHOLE	0.01	0.05	19	0	0
Deltamethrin	WHOLE	0.01	0.1	19	0	0
Fenvalerate	WHOLE	0.01	0.5	19	0	0
Permethrin	WHOLE	0.01	Not set	19	0	0
Phenothrin	WHOLE	0.01	Not set	19	0	0
<i>Other</i>						
Acetamiprid	WHOLE	0.01	Not set	19	0	0
Amitraz	WHOLE	0.01	Not set	19	0	0
Carbaryl	WHOLE	0.01	Not set	19	0	0
Diflubenzuron	WHOLE	0.01	Not set	19	0	0
Fipronil	WHOLE	0.005	Not set	19	0	0
Imidacloprid	WHOLE	0.01	Not set	19	0	0
Indoxacarb	WHOLE	0.01	0.2	19	0	0
Methomyl	WHOLE	0.01	1.0	19	0	0
Methoprene	WHOLE	0.01	Not set	19	0	0
Pyriproxyfen	WHOLE	0.01	Not set	19	0	0
Spinosad	WHOLE	0.01	0.01	19	0	0
Thiodicarb	WHOLE	0.01	0.1	19	0	0
Triflumuron	WHOLE	0.01	Not set	19	0	0
<i>FUNGICIDES</i>						
Azoxystrobin	WHOLE	0.01	Not set	19	0	0
Captafol	WHOLE	0.01	Not set	19	0	0
Carbendazim	WHOLE	0.01	0.5	19	0	0
Cyproconazole	WHOLE	0.01	Not set	19	0	0
Difenoconazole	WHOLE	0.01	Not set	19	0	0
Dithiocarbamates	WHOLE	0.01	0.5	5	0	0
Epoxiconazole	WHOLE	0.01	Not set	19	0	0
Etridiazole	WHOLE	0.01	Not set	19	0	0
Fluquinconazole	WHOLE	0.01	Not set	19	0	0
Flutriafol	WHOLE	0.01	Not set	19	0	0
Hexaconazole	WHOLE	0.01	Not set	19	0	0
Iprodione	WHOLE	0.01	1.0	19	0	0

FABA BEAN (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>FUNGICIDES (cont'd)</i>						
Penconazole	WHOLE	0.01	Not set	19	0	0
Propiconazole	WHOLE	0.01	Not set	19	0	0
Prothioconazole	WHOLE	0.01	Not set	19	0	0
Tebuconazole	WHOLE	0.01	0.5	19	0	0
Thiabendazole	WHOLE	0.01	Not set	19	0	0
Triadimefon	WHOLE	0.01	Not set	19	0	0
Triadimenol	WHOLE	0.01	Not set	19	0	0
Triticonazole	WHOLE	0.01	Not set	19	0	0
<i>HERBICIDES</i>						
2,4-D	WHOLE	0.01	0.05	19	0	0
Amitrole	WHOLE	0.01	Not set	6	0	0
Atrazine	WHOLE	0.01	Not set	19	0	0
Bromoxynil	WHOLE	0.01	Not set	19	0	0
Carfentrazone-ethyl	WHOLE	0.01	Not set	19	0	0
Chlorsulfuron	WHOLE	0.01	Not set	19	0	0
Clethodim	WHOLE	0.01	0.1	19	0	0
Clodinafop-propargyl	WHOLE	0.01	Not set	19	0	0
Clopyralid	WHOLE	0.01	Not set	19	0	0
Dicamba	WHOLE	0.01	Not set	19	0	0
Diclofop-methyl	WHOLE	0.01	Not set	6	0	0
Diflufenican	WHOLE	0.01	0.05	19	0	0
Diquat	WHOLE	0.01	1.0	6	0	0
Diuron	WHOLE	0.01	0.05	19	0	0
Fenoxaprop-p-ethyl	WHOLE	0.01	Not set	6	0	0
Flamprop-m-methyl	WHOLE	0.01	Not set	6	0	0
Fluazifop-p-butyl	WHOLE	0.01	0.5	6	0	0
Glufosinate	WHOLE	0.01	Not set	6	0	0
Glyphosate	WHOLE	0.01	5.0	6	0	0
Haloxypop	WHOLE	0.01	0.1	6	0	0
Iodosulfuron-methyl-sodium	WHOLE	0.01	Not set	19	0	0
MCPA	WHOLE	0.01	Not set	19	0	0
Metolachlor	WHOLE	0.01	Not set	19	0	0
Metosulam	WHOLE	0.01	Not set	19	0	0
Metsulfuron-methyl	WHOLE	0.01	Not set	19	0	0
Paraquat	WHOLE	0.01	1.0	6	0	0
Pendimethalin	WHOLE	0.01	0.05	19	0	0
Picloram	WHOLE	0.01	Not set	19	0	0

FABA BEAN (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
HERBICIDES (CONT'D)						
Simazine	WHOLE	0.01	0.01	19	0	0
Tralkoxydim	WHOLE	0.01	Not set	19	0	0
Triasulfuron	WHOLE	0.01	Not set	19	0	0
Triclopyr	WHOLE	0.01	Not set	19	0	0
Trifluralin	WHOLE	0.01	0.05	19	0	0
ENVIRONMENTAL CONTAMINANTS						
METALS						
Cadmium	WHOLE	0.01	No limit	3	0	0
Lead	WHOLE	0.01	0.2	3	0	0
Mercury	WHOLE	0.01	No limit	3	0	0
LOR	Limit of reporting (mg/kg).					
Not set	No standard has been set for the chemical in an 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.					
n/a	Australian Standard does not apply. No limit set or defined.					

FIELD PEA	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
PESTICIDES						
<i>INSECTICIDES</i>						
<i>Organochlorines</i>						
Aldrin and dieldrin	WHOLE	0.01	Not set	17	0	0
Chlordane	WHOLE	0.01	Not set	17	0	0
DDT	WHOLE	0.01	Not set	17	0	0
Endosulfan	WHOLE	0.01	0.1	17	0	0
Endrin	WHOLE	0.01	Not set	17	0	0
HCB	WHOLE	0.01	Not set	17	0	0
HCH	WHOLE	0.01	Not set	17	0	0
Heptachlor	WHOLE	0.01	Not set	17	0	0
Lindane (γ-HCH)	WHOLE	0.01	Not set	17	0	0
Methoxychlor	WHOLE	0.01	Not set	17	0	0
Mirex	WHOLE	0.01	Not set	17	0	0
Oxychlordane	WHOLE	0.01	Not set	17	0	0
<i>Organophosphates</i>						
Azamethiphos	WHOLE	0.01	Not set	17	0	0
Chlorfenvinphos	WHOLE	0.01	Not set	17	0	0
Chlorpyrifos	WHOLE	0.01	Not set	17	0	0
Chlorpyrifos-methyl	WHOLE	0.01	Not set	17	0	0
Diazinon	WHOLE	0.01	Not set	17	0	0
Dichlorvos	WHOLE	0.01	Not set	17	0	0
Dimethoate (RD)	WHOLE	0.01	Not set	17	0	0
Ethoprofos	WHOLE	0.005	Not set	17	0	0
Fenitrothion	WHOLE	0.01	0.1	17	0	0
Malathion	WHOLE	0.01	Not set	17	0	0
Methacrifos	WHOLE	0.01	Not set	17	0	0
Omethoate	WHOLE	0.01	Not set	17	0	0
Phosmet	WHOLE	0.01	Not set	17	0	0
Pirimiphos-methyl	WHOLE	0.01	Not set	17	0	0
Profenofos	WHOLE	0.01	Not set	17	0	0
Terbufos	WHOLE	0.01	Not set	17	0	0
Trichlorfon	WHOLE	0.01	0.2	17	0	0

FIELD PEA (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>Synthetic pyrethroids</i>						
Bifenthrin	WHOLE	0.01	0.01	17	0	0
Bioresmethrin	WHOLE	0.01	Not set	17	0	0
Cyfluthrin	WHOLE	0.01	0.5	17	0	0
Cyhalothrin	WHOLE	0.01	0.2	17	0	0
Cypermethrin	WHOLE	0.01	0.05	17	0	0
Deltamethrin	WHOLE	0.01	0.1	17	0	0
Fenvalerate	WHOLE	0.01	0.5	17	0	0
Permethrin	WHOLE	0.01	Not set	17	0	0
Phenothrin	WHOLE	0.01	Not set	17	0	0
<i>Other</i>						
Acetamiprid	WHOLE	0.01	Not set	17	0	0
Amitraz	WHOLE	0.01	Not set	17	0	0
Carbaryl	WHOLE	0.01	Not set	17	0	0
Diflubenzuron	WHOLE	0.01	Not set	17	0	0
Fipronil	WHOLE	0.005	Not set	17	0	0
Imidacloprid	WHOLE	0.01	Not set	17	0	0
Indoxacarb	WHOLE	0.01	0.2	17	0	0
Methomyl	WHOLE	0.01	1.0	17	0	0
Methoprene	WHOLE	0.01	Not set	17	0	0
Pyriproxyfen	WHOLE	0.01	Not set	17	0	0
Spinosad	WHOLE	0.01	0.01	17	0	0
Thiodicarb	WHOLE	0.01	0.1	17	0	0
Triflumuron	WHOLE	0.01	Not set	17	0	0
<i>FUNGICIDES</i>						
Azoxystrobin	WHOLE	0.01	Not set	17	0	0
Captafol	WHOLE	0.01	Not set	17	0	0
Carbendazim	WHOLE	0.01	0.5	17	0	0
Cyproconazole	WHOLE	0.01	Not set	17	0	0
Difenoconazole	WHOLE	0.01	Not set	17	0	0
Dithiocarbamates	WHOLE	0.01	0.5	5	0	0
Epoxiconazole	WHOLE	0.01	Not set	17	0	0
Etridiazole	WHOLE	0.01	Not set	17	0	0
Fluquinconazole	WHOLE	0.01	Not set	17	0	0
Flutriafol	WHOLE	0.01	Not set	17	0	0
Hexaconazole	WHOLE	0.01	Not set	17	0	0
Iprodione	WHOLE	0.01	Not set	17	0	0

FIELD PEA (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>FUNGICIDES (cont'd)</i>						
Penconazole	WHOLE	0.01	Not set	17	0	0
Propiconazole	WHOLE	0.01	Not set	17	0	0
Prothioconazole	WHOLE	0.01	Not set	17	0	0
Tebuconazole	WHOLE	0.01	Not set	17	0	0
Thiabendazole	WHOLE	0.01	Not set	17	0	0
Triadimefon	WHOLE	0.01	0.1	17	0	0
Triadimenol	WHOLE	0.01	Not set	17	0	0
Triticonazole	WHOLE	0.01	Not set	17	0	0
<i>HERBICIDES</i>						
2,4-D	WHOLE	0.01	0.05	17	0	0
Amitrole	WHOLE	0.01	Not set	2	0	0
Atrazine	WHOLE	0.01	Not set	17	0	0
Bromoxynil	WHOLE	0.01	Not set	17	0	0
Carfentrazone-ethyl	WHOLE	0.01	Not set	17	0	0
Chlorsulfuron	WHOLE	0.01	Not set	17	0	0
Clethodim	WHOLE	0.01	0.1	17	0	0
Clodinafop-propargyl	WHOLE	0.01	Not set	17	0	0
Clopyralid	WHOLE	0.01	Not set	17	0	0
Dicamba	WHOLE	0.01	Not set	17	0	0
Diclofop-methyl	WHOLE	0.01	Not set	2	0	0
Diflufenican	WHOLE	0.01	0.05	17	0	0
Diquat	WHOLE	0.01	1.0	2	0	0
Diuron	WHOLE	0.01	0.05	17	0	0
Fenoxaprop-p-ethyl	WHOLE	0.01	Not set	2	0	0
Flamprop-m-methyl	WHOLE	0.01	Not set	2	0	0
Fluazifop-p-butyl	WHOLE	0.01	0.5	2	0	0
Glufosinate	WHOLE	0.01	Not set	2	0	0
Glyphosate	WHOLE	0.01	5.0	2	1	0
Haloxypop	WHOLE	0.01	0.1	2	0	0
Iodosulfuron-methyl-sodium	WHOLE	0.01	Not set	17	0	0
MCPA	WHOLE	0.01	Not set	17	0	0
Metolachlor	WHOLE	0.01	Not set	17	0	0
Metosulam	WHOLE	0.01	Not set	17	0	0
Metsulfuron-methyl	WHOLE	0.01	Not set	17	0	0
Paraquat	WHOLE	0.01	1.0	2	0	0
Pendimethalin	WHOLE	0.01	0.05	17	0	0
Picloram	WHOLE	0.01	Not set	17	0	0

FIELD PEA (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>HERBICIDES (CONT'D)</i>						
Simazine	WHOLE	0.01	Not set	17	0	0
Tralkoxydim	WHOLE	0.01	Not set	17	0	0
Triasulfuron	WHOLE	0.01	Not set	17	0	0
Triclopyr	WHOLE	0.01	Not set	17	0	0
Trifluralin	WHOLE	0.01	Not set	17	0	0
<i>FUMIGANTS</i>						
Phosphine	WHOLE	0.005	0.01	1	0	0
ENVIRONMENTAL CONTAMINANTS						
<i>METALS</i>						
Cadmium	WHOLE	0.01	No limit	2	0	0
Lead	WHOLE	0.01	0.2	2	0	0
Mercury	WHOLE	0.01	No limit	2	0	0
LOR	Limit of reporting (mg/kg).					
Not set	No standard has been set for the chemical in an 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.					
n/a	Australian Standard does not apply. No limit set or defined.					

LENTIL	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
PESTICIDES						
<i>INSECTICIDES</i>						
<i>Organochlorines</i>						
Aldrin and dieldrin	WHOLE	0.01	Not set	10	0	0
Chlordane	WHOLE	0.01	Not set	10	0	0
DDT	WHOLE	0.01	Not set	10	0	0
Endosulfan	WHOLE	0.01	0.1	10	0	0
Endrin	WHOLE	0.01	Not set	10	0	0
HCB	WHOLE	0.01	Not set	10	0	0
HCH	WHOLE	0.01	Not set	10	0	0
Heptachlor	WHOLE	0.01	Not set	10	0	0
Lindane (γ-HCH)	WHOLE	0.01	Not set	10	0	0
Methoxychlor	WHOLE	0.01	Not set	10	0	0
Mirex	WHOLE	0.01	Not set	10	0	0
Oxychlordane	WHOLE	0.01	Not set	10	0	0
<i>Organophosphates</i>						
Azamethiphos	WHOLE	0.01	Not set	10	0	0
Chlorfenvinphos	WHOLE	0.01	Not set	10	0	0
Chlorpyrifos	WHOLE	0.01	Not set	10	0	0
Chlorpyrifos-methyl	WHOLE	0.01	Not set	10	0	0
Diazinon	WHOLE	0.01	Not set	10	0	0
Dichlorvos	WHOLE	0.01	2.0	10	0	0
Dimethoate (RD)	WHOLE	0.01	Not set	10	0	0
Ethoprofos	WHOLE	0.005	Not set	10	0	0
Fenitrothion	WHOLE	0.01	0.1	10	0	0
Malathion	WHOLE	0.01	8.0	10	0	0
Methacrifos	WHOLE	0.01	Not set	10	0	0
Omethoate	WHOLE	0.01	Not set	10	0	0
Phosmet	WHOLE	0.01	Not set	10	0	0
Pirimiphos-methyl	WHOLE	0.01	Not set	10	0	0
Profenofos	WHOLE	0.01	Not set	10	0	0
Terbufos	WHOLE	0.01	Not set	10	0	0
Trichlorfon	WHOLE	0.01	0.2	10	0	0

LENTIL (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>Synthetic pyrethroids</i>						
Bifenthrin	WHOLE	0.01	0.02	10	0	0
Bioresmethrin	WHOLE	0.01	Not set	10	0	0
Cyfluthrin	WHOLE	0.01	0.5	10	0	0
Cyhalothrin	WHOLE	0.01	0.2	10	0	0
Cypermethrin	WHOLE	0.01	Not set	10	0	0
Deltamethrin	WHOLE	0.01	0.1	10	0	0
Fenvalerate	WHOLE	0.01	0.5	10	0	0
Permethrin	WHOLE	0.01	Not set	10	0	0
Phenothrin	WHOLE	0.01	Not set	10	0	0
<i>Other</i>						
Acetamiprid	WHOLE	0.01	Not set	10	0	0
Amitraz	WHOLE	0.01	Not set	10	0	0
Carbaryl	WHOLE	0.01	Not set	10	0	0
Diflubenzuron	WHOLE	0.01	Not set	10	0	0
Fipronil	WHOLE	0.005	Not set	10	0	0
Imidacloprid	WHOLE	0.01	Not set	10	0	0
Indoxacarb	WHOLE	0.01	0.2	10	0	0
Methomyl	WHOLE	0.01	1.0	10	0	0
Methoprene	WHOLE	0.01	Not set	10	0	0
Pyriproxyfen	WHOLE	0.01	Not set	10	0	0
Spinosad	WHOLE	0.01	0.01	10	0	0
Thiodicarb	WHOLE	0.01	0.1	10	0	0
Triflumuron	WHOLE	0.01	Not set	10	0	0
<i>FUNGICIDES</i>						
Azoxystrobin	WHOLE	0.01	Not set	10	0	0
Captafol	WHOLE	0.01	Not set	10	0	0
Carbendazim	WHOLE	0.01	0.5	10	0	0
Cyproconazole	WHOLE	0.01	Not set	10	0	0
Difenoconazole	WHOLE	0.01	Not set	10	0	0
Dithiocarbamates	WHOLE	0.01	0.5	2	0	0
Epoxiconazole	WHOLE	0.01	Not set	10	0	0
Etridiazole	WHOLE	0.01	Not set	10	0	0
Fluquinconazole	WHOLE	0.01	Not set	10	0	0
Flutriafol	WHOLE	0.01	Not set	10	0	0
Hexaconazole	WHOLE	0.01	Not set	10	0	0
Iprodione	WHOLE	0.01	Not set	10	0	0

LENTIL (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>FUNGICIDES (cont'd)</i>						
Penconazole	WHOLE	0.01	Not set	10	0	0
Propiconazole	WHOLE	0.01	Not set	10	0	0
Prothioconazole	WHOLE	0.01	Not set	10	0	0
Tebuconazole	WHOLE	0.01	Not set	10	0	0
Thiabendazole	WHOLE	0.01	Not set	10	0	0
Triadimefon	WHOLE	0.01	Not set	10	0	0
Triadimenol	WHOLE	0.01	Not set	10	0	0
Triticonazole	WHOLE	0.01	Not set	10	0	0
<i>HERBICIDES</i>						
2,4-D	WHOLE	0.01	0.05	10	0	0
Amitrole	WHOLE	0.01	Not set	6	0	0
Atrazine	WHOLE	0.01	Not set	10	0	0
Bromoxynil	WHOLE	0.01	Not set	10	0	0
Carfentrazone-ethyl	WHOLE	0.01	Not set	10	0	0
Chlorsulfuron	WHOLE	0.01	Not set	10	0	0
Clethodim	WHOLE	0.01	0.1	10	0	0
Clodinafop-propargyl	WHOLE	0.01	Not set	10	0	0
Clopyralid	WHOLE	0.01	Not set	10	0	0
Dicamba	WHOLE	0.01	Not set	10	0	0
Diclofop-methyl	WHOLE	0.01	Not set	6	0	0
Diflufenican	WHOLE	0.01	0.05	10	0	0
Diquat	WHOLE	0.01	1.0	6	0	0
Diuron	WHOLE	0.01	0.05	10	0	0
Fenoxaprop-p-ethyl	WHOLE	0.01	Not set	6	0	0
Flamprop-m-methyl	WHOLE	0.01	Not set	6	0	0
Fluazifop-p-butyl	WHOLE	0.01	0.5	6	0	0
Glufosinate	WHOLE	0.01	Not set	6	0	0
Glyphosate	WHOLE	0.01	5.0	6	0	0
Haloxifop	WHOLE	0.01	0.1	6	0	0
Iodosulfuron-methyl-sodium	WHOLE	0.01	Not set	10	0	0
MCPA	WHOLE	0.01	Not set	10	0	0
Metolachlor	WHOLE	0.01	Not set	10	0	0
Metosulam	WHOLE	0.01	Not set	10	0	0
Metsulfuron-methyl	WHOLE	0.01	Not set	10	0	0
Paraquat	WHOLE	0.01	1.0	6	0	0
Pendimethalin	WHOLE	0.01	0.05	10	0	0
Picloram	WHOLE	0.01	Not set	10	0	0

LENTIL (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>HERBICIDES (CONT'D)</i>						
Simazine	WHOLE	0.01	Not set	10	0	0
Tralkoxydim	WHOLE	0.01	Not set	10	0	0
Triasulfuron	WHOLE	0.01	Not set	10	0	0
Triclopyr	WHOLE	0.01	Not set	10	0	0
Trifluralin	WHOLE	0.01	Not set	10	0	0
<i>FUMIGANTS</i>						
Phosphine	WHOLE					
ENVIRONMENTAL CONTAMINANTS						
<i>METALS</i>						
Cadmium	WHOLE	0.01	No limit	1	0	0
Lead	WHOLE	0.01	0.2	1	0	0
Mercury	WHOLE	0.01	No limit	1	0	0
LOR	Limit of reporting (mg/kg).					
Not set	No standard has been set for the chemical in an 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.					
n/a	Australian Standard does not apply. No limit set or defined.					

LUPIN	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
PESTICIDES						
<i>INSECTICIDES</i>						
<i>Organochlorines</i>						
Aldrin and dieldrin	WHOLE	0.01	Not set	30	0	0
Chlordane	WHOLE	0.01	Not set	30	0	0
DDT	WHOLE	0.01	Not set	30	0	0
Endosulfan	WHOLE	0.01	0.1	30	0	0
Endrin	WHOLE	0.01	Not set	30	0	0
HCB	WHOLE	0.01	Not set	30	0	0
HCH	WHOLE	0.01	Not set	30	0	0
Heptachlor	WHOLE	0.01	Not set	30	0	0
Lindane (γ-HCH)	WHOLE	0.01	Not set	30	0	0
Methoxychlor	WHOLE	0.01	Not set	30	0	0
Mirex	WHOLE	0.01	Not set	30	0	0
Oxychlordane	WHOLE	0.01	Not set	30	0	0
<i>Organophosphates</i>						
Azamethiphos	WHOLE	0.01	Not set	30	0	0
Chlorfenvinphos	WHOLE	0.01	Not set	30	0	0
Chlorpyrifos	WHOLE	0.01	Not set	30	0	0
Chlorpyrifos-methyl	WHOLE	0.01	10.0	30	0	0
Diazinon	WHOLE	0.01	Not set	30	0	0
Dichlorvos	WHOLE	0.01	Not set	30	0	0
Dimethoate (RD)	WHOLE	0.01	0.5	30	0	0
Ethoprofos	WHOLE	0.005	Not set	30	0	0
Fenitrothion	WHOLE	0.01	0.1	30	0	0
Malathion	WHOLE	0.01	Not set	30	0	0
Methacrifos	WHOLE	0.01	Not set	30	0	0
Omethoate	WHOLE	0.01	0.1	30	0	0
Phosmet	WHOLE	0.01	Not set	30	0	0
Pirimiphos-methyl	WHOLE	0.01	Not set	30	0	0
Profenofos	WHOLE	0.01	Not set	30	0	0
Terbufos	WHOLE	0.01	Not set	30	0	0
Trichlorfon	WHOLE	0.01	0.2	30	0	0

LUPIN (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>Synthetic pyrethroids</i>						
Bifenthrin	WHOLE	0.01	0.02	30	0	0
Bioresmethrin	WHOLE	0.01	Not set	30	0	0
Cyfluthrin	WHOLE	0.01	0.5	30	0	0
Cyhalothrin	WHOLE	0.01	0.2	30	0	0
Cypermethrin	WHOLE	0.01	0.01	30	0	0
Deltamethrin	WHOLE	0.01	0.1	30	0	0
Fenvalerate	WHOLE	0.01	0.5	30	0	0
Permethrin	WHOLE	0.01	0.1	30	0	0
Phenothrin	WHOLE	0.01	Not set	30	0	0
<i>Other</i>						
Acetamiprid	WHOLE	0.01	Not set	30	0	0
Amitraz	WHOLE	0.01	Not set	30	0	0
Carbaryl	WHOLE	0.01	Not set	30	0	0
Diflubenzuron	WHOLE	0.01	Not set	30	0	0
Fipronil	WHOLE	0.005	Not set	30	0	0
Imidacloprid	WHOLE	0.01	0.05	30	0	0
Indoxacarb	WHOLE	0.01	0.2	30	0	0
Methomyl	WHOLE	0.01	1.0	30	0	0
Methoprene	WHOLE	0.01	Not set	30	0	0
Pyriproxyfen	WHOLE	0.01	Not set	30	0	0
Spinosad	WHOLE	0.01	0.01	30	0	0
Thiodicarb	WHOLE	0.01	0.1	30	0	0
Triflumuron	WHOLE	0.01	Not set	30	0	0
<i>FUNGICIDES</i>						
Azoxystrobin	WHOLE	0.01	Not set	30	0	0
Captafol	WHOLE	0.01	Not set	30	0	0
Carbendazim	WHOLE	0.01	0.5	30	0	0
Cyproconazole	WHOLE	0.01	Not set	30	0	0
Difenoconazole	WHOLE	0.01	Not set	30	0	0
Dithiocarbamates	WHOLE	0.01	0.5	8	0	0
Epoxiconazole	WHOLE	0.01	Not set	30	0	0
Etridiazole	WHOLE	0.01	Not set	30	0	0
Fluquinconazole	WHOLE	0.01	Not set	30	0	0
Flutriafol	WHOLE	0.01	Not set	30	0	0
Hexaconazole	WHOLE	0.01	Not set	30	0	0
Iprodione	WHOLE	0.01	0.1	30	0	0

LUPIN (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>FUNGICIDES (cont'd)</i>						
Penconazole	WHOLE	0.01	Not set	30	0	0
Propiconazole	WHOLE	0.01	Not set	30	0	0
Prothioconazole	WHOLE	0.01	Not set	30	0	0
Tebuconazole	WHOLE	0.01	Not set	30	0	0
Thiabendazole	WHOLE	0.01	Not set	30	0	0
Triadimefon	WHOLE	0.01	Not set	30	0	0
Triadimenol	WHOLE	0.01	Not set	30	0	0
Triticonazole	WHOLE	0.01	Not set	30	0	0
<i>HERBICIDES</i>						
2,4-D	WHOLE	0.01	0.05	30	0	0
Amitrole	WHOLE	0.01	Not set	12	0	0
Atrazine	WHOLE	0.01	0.02	30	0	0
Bromoxynil	WHOLE	0.01	Not set	30	0	0
Carfentrazone-ethyl	WHOLE	0.01	Not set	30	0	0
Chlorsulfuron	WHOLE	0.01	Not set	30	0	0
Clethodim	WHOLE	0.01	0.2	30	0	0
Clodinafop-propargyl	WHOLE	0.01	Not set	30	0	0
Clopyralid	WHOLE	0.01	Not set	30	0	0
Dicamba	WHOLE	0.01	Not set	30	0	0
Diclofop-methyl	WHOLE	0.01	0.1	12	0	0
Diflufenican	WHOLE	0.01	0.05	30	0	0
Diuron	WHOLE	0.01	0.05	30	0	0
Diquat	WHOLE	0.01	1.0	12	0	0
Fenoxaprop-p-ethyl	WHOLE	0.01	Not set	12	0	0
Flamprop-m-methyl	WHOLE	0.01	0.05	12	0	0
Fluazifop-p-butyl	WHOLE	0.01	0.1	12	0	0
Glufosinate	WHOLE	0.01	Not set	12	0	0
Glyphosate	WHOLE	0.01	5.0	12	0	0
Haloxifop	WHOLE	0.01	0.1	12	0	0
Iodosulfuron-methyl-sodium	WHOLE	0.01	Not set	30	0	0
MCPA	WHOLE	0.01	Not set	30	0	0
Metolachlor	WHOLE	0.01	Not set	30	0	0
Metosulam	WHOLE	0.01	0.02	30	0	0
Metsulfuron-methyl	WHOLE	0.01	Not set	30	0	0
Paraquat	WHOLE	0.01	1.0	12	0	0
Pendimethalin	WHOLE	0.01	0.05	30	0	0
Picloram	WHOLE	0.01	Not set	30	0	0

LUPIN (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>HERBICIDES (CONT'D)</i>						
Simazine	WHOLE	0.01	0.05	30	0	0
Tralkoxydim	WHOLE	0.01	Not set	30	0	0
Triasulfuron	WHOLE	0.01	Not set	30	0	0
Triclopyr	WHOLE	0.01	Not set	30	0	0
Trifluralin	WHOLE	0.01	0.05	30	0	0
<i>FUMIGANTS</i>						
Phosphine	WHOLE	0.005	0.01	6	0	0
ENVIRONMENTAL CONTAMINANTS						
<i>METALS</i>						
Cadmium	WHOLE	0.01	No limit	4	0	0
Lead	WHOLE	0.01	0.2	4	0	0
Mercury	WHOLE	0.01	No limit	4	0	0
LOR	Limit of reporting (mg/kg).					
Not set	No standard has been set for the chemical in an 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.					
n/a	Australian Standard does not apply. No limit set or defined.					

MAIZE	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
PESTICIDES						
<i>INSECTICIDES</i>						
<i>Organochlorines</i>						
Aldrin and dieldrin	WHOLE	0.01	0.02	19	0	0
Chlordane	WHOLE	0.01	0.02	19	0	0
DDT	WHOLE	0.01	0.1	19	0	0
Endosulfan	WHOLE	0.01	0.1	19	0	0
Endrin	WHOLE	0.01	Not set	19	0	0
HCB	WHOLE	0.01	0.05	19	0	0
HCH	WHOLE	0.01	0.1	19	0	0
Heptachlor	WHOLE	0.01	0.02	19	0	0
Lindane (γ-HCH)	WHOLE	0.01	0.5	19	0	0
Methoxychlor	WHOLE	0.01	Not set	19	0	0
Mirex	WHOLE	0.01	Not set	19	0	0
Oxychlordane	WHOLE	0.01	0.02	19	0	0
<i>Organophosphates</i>						
Azamethiphos	WHOLE	0.01	0.1	19	0	0
Chlorfenvinphos	WHOLE	0.01	0.05	19	0	0
Chlorpyrifos	WHOLE	0.01	0.1	19	0	0
Chlorpyrifos-methyl	WHOLE	0.01	10.0	19	0	0
Diazinon	WHOLE	0.01	0.1	19	0	0
Dichlorvos	WHOLE	0.01	5.0	19	0	0
Dimethoate (RD)	WHOLE	0.01	0.05	19	0	0
Ethoprofos	WHOLE	0.005	0.005	19	0	0
Fenitrothion	WHOLE	0.01	10.0	19	0	0
Malathion	WHOLE	0.01	8.0	19	0	0
Methacrifos	WHOLE	0.01	Not set	19	0	0
Omethoate	WHOLE	0.01	0.05	19	0	0
Phosmet	WHOLE	0.01	0.05	19	0	0
Pirimiphos-methyl	WHOLE	0.01	7.0	19	0	0
Profenofos	WHOLE	0.01	Not set	19	0	0
Terbufos	WHOLE	0.01	0.01	19	0	0
Trichlorfon	WHOLE	0.01	0.1	19	0	0

MAIZE (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>Synthetic pyrethroids</i>						
Bifenthrin	WHOLE	0.01	2.0	19	0	0
Bioresmethrin	WHOLE	0.01	Not set	19	0	0
Cyfluthrin	WHOLE	0.01	2.0	19	0	0
Cyhalothrin	WHOLE	0.01	Not set	19	0	0
Cypermethrin	WHOLE	0.01	1.0	19	0	0
Deltamethrin	WHOLE	0.01	2.0	19	0	0
Fenvalerate	WHOLE	0.01	2.0	19	0	0
Permethrin	WHOLE	0.01	2.0	19	0	0
Phenothrin	WHOLE	0.01	Not set	19	0	0
<i>Other</i>						
Acetamiprid	WHOLE	0.01	Not set	19	0	0
Amitraz	WHOLE	0.01	Not set	19	0	0
Carbaryl	WHOLE	0.01	5.0	19	0	0
Diflubenzuron	WHOLE	0.01	2.0	19	0	0
Fipronil	WHOLE	0.005	Not set	19	0	0
Imidacloprid	WHOLE	0.01	0.05	19	0	0
Indoxacarb	WHOLE	0.01	Not set	19	0	0
Methomyl	WHOLE	0.01	0.1	19	0	0
Methoprene	WHOLE	0.01	2.0	19	0	0
Pyriproxyfen	WHOLE	0.01	Not set	19	0	0
Spinosad	WHOLE	0.01	1.0	19	0	0
Thiodicarb	WHOLE	0.01	0.1	19	0	0
Triflumuron	WHOLE	0.01	0.05	19	0	0
<i>FUNGICIDES</i>						
Azoxystrobin	WHOLE	0.01	0.01	19	0	0
Captafol	WHOLE	0.01	Not set	19	0	0
Carbendazim	WHOLE	0.01	0.05	19	0	0
Cyproconazole	WHOLE	0.01	Not set	19	0	0
Difenoconazole	WHOLE	0.01	Not set	19	0	0
Epoxiconazole	WHOLE	0.01	Not set	19	0	0
Etridiazole	WHOLE	0.01	Not set	19	0	0
Fluquinconazole	WHOLE	0.01	Not set	19	0	0
Flutriafol	WHOLE	0.01	0.02	19	0	0
Hexaconazole	WHOLE	0.01	Not set	19	0	0
Iprodione	WHOLE	0.01	Not set	19	0	0
Penconazole	WHOLE	0.01	Not set	19	0	0

MAIZE (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>FUNGICIDES (CONT'D)</i>						
Propiconazole	WHOLE	0.01	0.05	19	0	0
Prothioconazole	WHOLE	0.01	Not set	19	0	0
Tebuconazole	WHOLE	0.01	0.2	19	0	0
Thiabendazole	WHOLE	0.01	Not set	19	0	0
Triadimefon	WHOLE	0.01	0.5	19	0	0
Triadimenol	WHOLE	0.01	0.01	19	0	0
Triticonazole	WHOLE	0.01	0.05	19	0	0
<i>HERBICIDES</i>						
2,4-D	WHOLE	0.01	0.2	19	0	0
Atrazine	WHOLE	0.01	0.1	19	0	0
Bromoxynil	WHOLE	0.01	0.2	19	0	0
Carfentrazone-ethyl	WHOLE	0.01	0.05	19	0	0
Chlorsulfuron	WHOLE	0.01	0.05	19	0	0
Clethodim	WHOLE	0.01	Not set	19	0	0
Clodinafop-propargyl	WHOLE	0.01	Not set	19	0	0
Clopyralid	WHOLE	0.01	2.0	19	0	0
Dicamba	WHOLE	0.01	0.05	19	0	0
Diflufenican	WHOLE	0.01	Not set	19	0	0
Diuron	WHOLE	0.01	0.1	19	0	0
Iodosulfuron-methyl-sodium	WHOLE	0.01	Not set	19	0	0
MCPA	WHOLE	0.01	0.02	19	0	0
Metolachlor	WHOLE	0.01	0.1	19	0	0
Metosulam	WHOLE	0.01	0.02	19	0	0
Metsulfuron-methyl	WHOLE	0.01	0.02	19	0	0
Pendimethalin	WHOLE	0.01	0.05	19	0	0
Picloram	WHOLE	0.01	0.2	19	0	0
Simazine	WHOLE	0.01	Not set	19	0	0
Tralkoxydim	WHOLE	0.01	0.02	19	0	0
Triasulfuron	WHOLE	0.01	0.02	19	0	0
Triclopyr	WHOLE	0.01	Not set	19	0	0
Trifluralin	WHOLE	0.01	0.05	19	0	0
LOR	Limit of reporting (mg/kg).					
Not set	No standard has been set for the chemical in an 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.					
n/a	Australian Standard does not apply. No limit set or defined.					

MUNGBEAN	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
PESTICIDES						
<i>INSECTICIDES</i>						
<i>Organochlorines</i>						
Aldrin and dieldrin	WHOLE	0.01	Not set	5	0	0
Chlordane	WHOLE	0.01	Not set	5	0	0
DDT	WHOLE	0.01	Not set	5	0	0
Endosulfan	WHOLE	0.01	0.1	5	0	0
Endrin	WHOLE	0.01	Not set	5	0	0
HCB	WHOLE	0.01	Not set	5	0	0
HCH	WHOLE	0.01	Not set	5	0	0
Heptachlor	WHOLE	0.01	Not set	5	0	0
Lindane (γ-HCH)	WHOLE	0.01	Not set	5	0	0
Methoxychlor	WHOLE	0.01	Not set	5	0	0
Mirex	WHOLE	0.01	Not set	5	0	0
Oxychlordane	WHOLE	0.01	Not set	5	0	0
<i>Organophosphates</i>						
Azamethiphos	WHOLE	0.01	Not set	5	0	0
Chlorfenvinphos	WHOLE	0.01	Not set	5	0	0
Chlorpyrifos	WHOLE	0.01	Not set	5	0	0
Chlorpyrifos-methyl	WHOLE	0.01	Not set	5	0	0
Diazinon	WHOLE	0.01	Not set	5	0	0
Dichlorvos	WHOLE	0.01	Not set	5	0	1
Dimethoate (RD)	WHOLE	0.01	Not set	5	0	0
Ethoprofos	WHOLE	0.005	Not set	5	0	0
Fenitrothion	WHOLE	0.01	0.1	5	0	0
Malathion	WHOLE	0.01	8.0	5	0	0
Methacrifos	WHOLE	0.01	Not set	5	0	0
Omethoate	WHOLE	0.01	Not set	5	0	0
Phosmet	WHOLE	0.01	Not set	5	0	0
Pirimiphos-methyl	WHOLE	0.01	Not set	5	0	0
Profenofos	WHOLE	0.01	Not set	5	0	0
Terbufos	WHOLE	0.01	Not set	5	0	0
Trichlorfon	WHOLE	0.01	0.2	5	0	0

MUNGBEAN (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>Synthetic pyrethroids</i>						
Bifenthrin	WHOLE	0.01	0.02	5	0	0
Bioresmethrin	WHOLE	0.01	Not set	5	0	0
Cyfluthrin	WHOLE	0.01	0.5	5	0	0
Cyhalothrin	WHOLE	0.01	0.2	5	0	0
Cypermethrin	WHOLE	0.01	0.05	5	0	0
Deltamethrin	WHOLE	0.01	0.1	5	0	0
Fenvalerate	WHOLE	0.01	0.5	5	0	0
Permethrin	WHOLE	0.01	0.1	5	0	0
Phenothrin	WHOLE	0.01	Not set	5	0	0
<i>Other</i>						
Acetamiprid	WHOLE	0.01	Not set	5	0	0
Amitraz	WHOLE	0.01	Not set	5	0	0
Carbaryl	WHOLE	0.01	Not set	5	0	0
Diflubenzuron	WHOLE	0.01	Not set	5	0	0
Fipronil	WHOLE	0.005	Not set	5	0	0
Imidacloprid	WHOLE	0.01	Not set	5	0	0
Indoxacarb	WHOLE	0.01	0.2	5	0	0
Methomyl	WHOLE	0.01	1.0	5	0	0
Methoprene	WHOLE	0.01	Not set	5	0	0
Pyriproxyfen	WHOLE	0.01	Not set	5	0	0
Spinosad	WHOLE	0.01	0.01	5	0	0
Thiodicarb	WHOLE	0.01	0.1	5	0	0
Triflumuron	WHOLE	0.01	Not set	5	0	0
<i>FUNGICIDES</i>						
Azoxystrobin	WHOLE	0.01	Not set	5	0	0
Captafol	WHOLE	0.01	Not set	5	0	0
Carbendazim	WHOLE	0.01	0.5	5	0	0
Cyproconazole	WHOLE	0.01	Not set	5	0	0
Difenoconazole	WHOLE	0.01	Not set	5	0	0
Dithiocarbamates	WHOLE	0.01	0.5	3	0	0
Epoxiconazole	WHOLE	0.01	Not set	5	0	0
Etridiazole	WHOLE	0.01	Not set	5	0	0
Fluquinconazole	WHOLE	0.01	Not set	5	0	0
Flutriafol	WHOLE	0.01	Not set	5	0	0
Hexaconazole	WHOLE	0.01	Not set	5	0	0
Iprodione	WHOLE	0.01	1.0	5	0	0

MUNGBEAN (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>FUNGICIDES (cont'd)</i>						
Penconazole	WHOLE	0.01	Not set	5	0	0
Propiconazole	WHOLE	0.01	Not set	5	0	0
Prothioconazole	WHOLE	0.01	Not set	5	0	0
Tebuconazole	WHOLE	0.01	Not set	5	0	0
Thiabendazole	WHOLE	0.01	Not set	5	0	0
Triadimefon	WHOLE	0.01	Not set	5	0	0
Triadimenol	WHOLE	0.01	Not set	5	0	0
Triticonazole	WHOLE	0.01	Not set	5	0	0
<i>HERBICIDES</i>						
2,4-D	WHOLE	0.01	0.05	5	0	0
Amitrole	WHOLE	0.01	Not set	2	0	0
Atrazine	WHOLE	0.01	Not set	5	0	0
Bromoxynil	WHOLE	0.01	Not set	5	0	0
Carfentrazone-ethyl	WHOLE	0.01	Not set	5	0	0
Chlorsulfuron	WHOLE	0.01	Not set	5	0	0
Clethodim	WHOLE	0.01	0.1	5	0	0
Clodinafop-propargyl	WHOLE	0.01	Not set	5	0	0
Clopyralid	WHOLE	0.01	Not set	5	0	0
Dicamba	WHOLE	0.01	Not set	5	0	0
Diclofop-methyl	WHOLE	0.01	Not set	2	0	0
Diflufenican	WHOLE	0.01	0.05	5	0	0
Diquat	WHOLE	0.01	1.0	2	0	0
Diuron	WHOLE	0.01	0.05	5	0	0
Fenoxaprop-p-ethyl	WHOLE	0.01	Not set	2	0	0
Flamprop-m-methyl	WHOLE	0.01	Not set	2	0	0
Fluazifop-p-butyl	WHOLE	0.01	0.5	2	0	0
Glufosinate	WHOLE	0.01	Not set	2	0	0
Glyphosate	WHOLE	0.01	10.0	2	0	0
Haloxfop	WHOLE	0.01	0.1	2	1	0
Iodosulfuron-methyl-sodium	WHOLE	0.01	Not set	5	0	0
MCPA	WHOLE	0.01	Not set	5	0	0
Metolachlor	WHOLE	0.01	Not set	5	0	0
Metosulam	WHOLE	0.01	Not set	5	0	0
Metsulfuron-methyl	WHOLE	0.01	Not set	5	0	0
Paraquat	WHOLE	0.01	1.0	2	0	0
Pendimethalin	WHOLE	0.01	0.05	5	0	0
Picloram	WHOLE	0.01	Not set	5	0	0

MUNGBEAN (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>HERBICIDES (cont'd)</i>						
Simazine	WHOLE	0.01	Not set	5	0	0
Tralkoxydim	WHOLE	0.01	Not set	5	0	0
Triasulfuron	WHOLE	0.01	Not set	5	0	0
Triclopyr	WHOLE	0.01	Not set	5	0	0
Trifluralin	WHOLE	0.01	0.05	5	0	0
ENVIRONMENTAL CONTAMINANTS						
METALS						
Cadmium	WHOLE	0.0100	No limit	1	0	0
Lead	WHOLE	0.0100	0.2	1	0	0
Mercury	WHOLE	0.0100	No limit	1	0	0
LOR	Limit of reporting (mg/kg).					
Not set	No standard has been set for the chemical in an 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.					
n/a	Australian Standard does not apply. No limit set or defined.					

NAVY BEAN	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
PESTICIDES						
<i>INSECTICIDES</i>						
<i>Organochlorines</i>						
Aldrin and dieldrin	WHOLE	0.01	Not set	1	0	0
Chlordane	WHOLE	0.01	Not set	1	0	0
DDT	WHOLE	0.01	Not set	1	0	0
Endosulfan	WHOLE	0.01	0.1	1	0	0
Endrin	WHOLE	0.01	Not set	1	0	0
HCB	WHOLE	0.01	Not set	1	0	0
HCH	WHOLE	0.01	Not set	1	0	0
Heptachlor	WHOLE	0.01	Not set	1	0	0
Lindane (γ-HCH)	WHOLE	0.01	Not set	1	0	0
Methoxychlor	WHOLE	0.01	Not set	1	0	0
Mirex	WHOLE	0.01	Not set	1	0	0
Oxychlordane	WHOLE	0.01	Not set	1	0	0
<i>Organophosphates</i>						
Azamethiphos	WHOLE	0.01	Not set	1	0	0
Chlorfenvinphos	WHOLE	0.01	Not set	1	0	0
Chlorpyrifos	WHOLE	0.01	Not set	1	0	0
Chlorpyrifos-methyl	WHOLE	0.01	Not set	1	0	0
Diazinon	WHOLE	0.01	Not set	1	0	0
Dichlorvos	WHOLE	0.01	Not set	1	0	0
Dimethoate (RD)	WHOLE	0.01	Not set	1	0	0
Ethoprofos	WHOLE	0.005	Not set	1	0	0
Fenitrothion	WHOLE	0.01	0.1	1	0	0
Malathion	WHOLE	0.01	8.0	1	0	0
Methacrifos	WHOLE	0.01	Not set	1	0	0
Omethoate	WHOLE	0.01	Not set	1	0	0
Phosmet	WHOLE	0.01	Not set	1	0	0
Pirimiphos-methyl	WHOLE	0.01	Not set	1	0	0
Profenofos	WHOLE	0.01	Not set	1	0	0
Terbufos	WHOLE	0.01	Not set	1	0	0
Trichlorfon	WHOLE	0.01	0.2	1	0	0

NAVY BEAN (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>Synthetic pyrethroids</i>						
Bifenthrin	WHOLE	0.01	0.02	1	0	0
Bioresmethrin	WHOLE	0.01	Not set	1	0	0
Cyfluthrin	WHOLE	0.01	0.5	1	0	0
Cyhalothrin	WHOLE	0.01	0.2	1	0	0
Cypermethrin	WHOLE	0.01	0.05	1	0	0
Deltamethrin	WHOLE	0.01	0.1	1	0	0
Fenvalerate	WHOLE	0.01	0.5	1	0	0
Permethrin	WHOLE	0.01	0.1	1	0	0
Phenothrin	WHOLE	0.01	Not set	1	0	0
<i>Other</i>						
Acetamiprid	WHOLE	0.01	Not set	1	0	0
Amitraz	WHOLE	0.01	Not set	1	0	0
Carbaryl	WHOLE	0.01	Not set	1	0	0
Diflubenzuron	WHOLE	0.01	Not set	1	0	0
Fipronil	WHOLE	0.005	Not set	1	0	0
Imidacloprid	WHOLE	0.01	Not set	1	0	0
Indoxacarb	WHOLE	0.01	0.2	1	0	0
Methomyl	WHOLE	0.01	1.0	1	0	0
Methoprene	WHOLE	0.01	Not set	1	0	0
Pyriproxyfen	WHOLE	0.01	Not set	1	0	0
Spinosad	WHOLE	0.01	0.01	1	0	0
Thiodicarb	WHOLE	0.01	0.1	1	0	0
Triflumuron	WHOLE	0.01	Not set	1	0	0
<i>FUNGICIDES</i>						
Azoxystrobin	WHOLE	0.01	Not set	1	0	0
Captafol	WHOLE	0.01	Not set	1	0	0
Carbendazim	WHOLE	0.01	0.5	1	0	0
Cyproconazole	WHOLE	0.01	Not set	1	0	0
Difenoconazole	WHOLE	0.01	Not set	1	0	0
Epoxiconazole	WHOLE	0.01	Not set	1	0	0
Etridiazole	WHOLE	0.01	Not set	1	0	0
Fluquinconazole	WHOLE	0.01	Not set	1	0	0
Flutriafol	WHOLE	0.01	Not set	1	0	0
Hexaconazole	WHOLE	0.01	Not set	1	0	0
Iprodione	WHOLE	0.01	0.2	1	0	0
Penconazole	WHOLE	0.01	Not set	1	0	0

NAVY BEAN (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>FUNGICIDES (CONT'D)</i>						
Propiconazole	WHOLE	0.01	Not set	1	0	0
Prothioconazole	WHOLE	0.01	Not set	1	0	0
Tebuconazole	WHOLE	0.01	Not set	1	0	0
Thiabendazole	WHOLE	0.01	Not set	1	0	0
Triadimefon	WHOLE	0.01	Not set	1	0	0
Triadimenol	WHOLE	0.01	Not set	1	0	0
Triticonazole	WHOLE	0.01	Not set	1	0	0
<i>HERBICIDES</i>						
2,4-D	WHOLE	0.01	0.05	1	0	0
Atrazine	WHOLE	0.01	Not set	1	0	0
Bromoxynil	WHOLE	0.01	Not set	1	0	0
Carfentrazone-ethyl	WHOLE	0.01	Not set	1	0	0
Chlorsulfuron	WHOLE	0.01	Not set	1	0	0
Clethodim	WHOLE	0.01	0.1	1	0	0
Clodinafop-propargyl	WHOLE	0.01	Not set	1	0	0
Clopyralid	WHOLE	0.01	Not set	1	0	0
Dicamba	WHOLE	0.01	Not set	1	0	0
Diflufenican	WHOLE	0.01	0.05	1	0	0
Diuron	WHOLE	0.01	0.05	1	0	0
Iodosulfuron-methyl-sodium	WHOLE	0.01	Not set	1	0	0
MCPA	WHOLE	0.01	Not set	1	0	0
Metolachlor	WHOLE	0.01	Not set	1	0	0
Metosulam	WHOLE	0.01	Not set	1	0	0
Metsulfuron-methyl	WHOLE	0.01	Not set	1	0	0
Pendimethalin	WHOLE	0.01	0.05	1	0	0
Picloram	WHOLE	0.01	Not set	1	0	0
Simazine	WHOLE	0.01	Not set	1	0	0
Tralkoxydim	WHOLE	0.01	Not set	1	0	0
Triasulfuron	WHOLE	0.01	Not set	1	0	0
Triclopyr	WHOLE	0.01	Not set	1	0	0
Trifluralin	WHOLE	0.01	Not set	1	0	0
LOR	Limit of reporting (mg/kg).					
Not set	No standard has been set for the chemical in an 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.					
n/a	Australian Standard does not apply. No limit set or defined.					

OAT	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
PESTICIDES						
<i>INSECTICIDES</i>						
<i>Organochlorines</i>						
Aldrin and dieldrin	WHOLE	0.01	0.02	39	0	0
Chlordane	WHOLE	0.01	0.02	39	0	0
DDT	WHOLE	0.01	0.1	39	0	0
Endosulfan	WHOLE	0.01	0.1	39	0	0
Endrin	WHOLE	0.01	Not set	39	0	0
HCB	WHOLE	0.01	0.05	39	0	0
HCH	WHOLE	0.01	0.1	39	0	0
Heptachlor	WHOLE	0.01	0.02	39	0	0
Lindane (γ-HCH)	WHOLE	0.01	0.5	39	0	0
Methoxychlor	WHOLE	0.01	Not set	39	0	0
Mirex	WHOLE	0.01	Not set	39	0	0
Oxychlordane	WHOLE	0.01	0.02	39	0	0
<i>Organophosphates</i>						
Azamethiphos	WHOLE	0.01	0.1	39	0	0
Chlorfenvinphos	WHOLE	0.01	Not set	39	0	0
Chlorpyrifos	WHOLE	0.01	0.1	39	0	0
Chlorpyrifos-methyl	WHOLE	0.01	10.0	39	0	0
Diazinon	WHOLE	0.01	0.1	39	0	0
Dichlorvos	WHOLE	0.01	5.0	39	0	0
Dimethoate (RD)	WHOLE	0.01	0.05	39	0	0
Ethoprofos	WHOLE	0.005	0.005	39	0	0
Fenitrothion	WHOLE	0.01	10.0	39	0	0
Malathion	WHOLE	0.01	8.0	39	0	0
Methacrifos	WHOLE	0.01	Not set	39	0	0
Omethoate	WHOLE	0.01	0.05	39	0	0
Phosmet	WHOLE	0.01	0.05	39	0	0
Pirimiphos-methyl	WHOLE	0.01	7.0	39	0	0
Profenofos	WHOLE	0.01	Not set	39	0	0
Terbufos	WHOLE	0.01	0.01	39	0	0
Trichlorfon	WHOLE	0.01	0.1	39	0	0

OAT (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>Synthetic pyrethroids</i>						
Bifenthrin	WHOLE	0.01	2.0	39	0	0
Bioresmethrin	WHOLE	0.01	Not set	39	0	0
Cyfluthrin	WHOLE	0.01	2.0	39	0	0
Cyhalothrin	WHOLE	0.01	Not set	39	0	0
Cypermethrin	WHOLE	0.01	1.0	39	0	0
Deltamethrin	WHOLE	0.01	2.0	39	0	0
Fenvalerate	WHOLE	0.01	2.0	39	0	0
Permethrin	WHOLE	0.01	2.0	39	0	0
Phenothrin	WHOLE	0.01	Not set	39	0	0
<i>Other</i>						
Acetamiprid	WHOLE	0.01	Not set	39	0	0
Amitraz	WHOLE	0.01	Not set	39	0	0
Carbaryl	WHOLE	0.01	5.0	39	0	0
Diflubenzuron	WHOLE	0.01	2.0	39	0	0
Fipronil	WHOLE	0.005	Not set	39	0	0
Imidacloprid	WHOLE	0.01	0.05	39	0	0
Indoxacarb	WHOLE	0.01	Not set	39	0	0
Methomyl	WHOLE	0.01	0.1	39	0	0
Methoprene	WHOLE	0.01	2.0	39	0	0
Pyriproxyfen	WHOLE	0.01	Not set	39	0	0
Spinosad	WHOLE	0.01	1.0	39	0	0
Thiodicarb	WHOLE	0.01	Not set	39	0	0
Triflumuron	WHOLE	0.01	0.05	39	0	0
<i>FUNGICIDES</i>						
Azoxystrobin	WHOLE	0.01	Not set	39	0	0
Captafol	WHOLE	0.01	Not set	39	0	0
Carbendazim	WHOLE	0.01	0.05	39	0	0
Cyproconazole	WHOLE	0.01	Not set	39	0	0
Difenoconazole	WHOLE	0.01	Not set	39	0	0
Dithiocarbamates	WHOLE	0.01	0.5	2	0	0
Epoxiconazole	WHOLE	0.01	Not set	39	0	0
Etridiazole	WHOLE	0.01	Not set	39	0	0
Fluquinconazole	WHOLE	0.01	Not set	39	0	0
Flutriafol	WHOLE	0.01	0.02	39	0	0
Hexaconazole	WHOLE	0.01	Not set	39	0	0
Iprodione	WHOLE	0.01	Not set	39	0	0

OAT (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
<i>FUNGICIDES (cont'd)</i>						
Penconazole	WHOLE	0.01	Not set	39	0	0
Propiconazole	WHOLE	0.01	0.05	39	0	0
Prothioconazole	WHOLE	0.01	Not set	39	0	0
Tebuconazole	WHOLE	0.01	0.2	39	0	0
Thiabendazole	WHOLE	0.01	Not set	39	0	0
Triadimefon	WHOLE	0.01	0.5	39	0	0
Triadimenol	WHOLE	0.01	0.01	39	0	0
Triticonazole	WHOLE	0.01	0.05	39	0	0
<i>HERBICIDES</i>						
2,4-D	WHOLE	0.01	0.2	39	0	0
Amitrole	WHOLE	0.01	0.01	5	0	0
Atrazine	WHOLE	0.01	Not set	39	0	0
Bromoxynil	WHOLE	0.01	0.2	39	0	0
Carfentrazone-ethyl	WHOLE	0.01	0.05	39	0	0
Chlorsulfuron	WHOLE	0.01	0.05	39	0	0
Clethodim	WHOLE	0.01	Not set	39	0	0
Clodinafop-propargyl	WHOLE	0.01	Not set	39	0	0
Clopyralid	WHOLE	0.01	2.0	39	0	0
Dicamba	WHOLE	0.01	0.05	39	0	0
Diclofop-methyl	WHOLE	0.01	0.1	5	0	0
Diflufenican	WHOLE	0.01	0.05	39	0	0
Diquat	WHOLE	0.01	5.0	5	0	0
Diuron	WHOLE	0.01	0.1	39	0	0
Fenoxaprop-p-ethyl	WHOLE	0.01	Not set	5	0	0
Flamprop-m-methyl	WHOLE	0.01	Not set	5	0	0
Fluazifop-p-butyl	WHOLE	0.01	Not set	5	0	0
Glufosinate	WHOLE	0.01	Not set	5	0	0
Glyphosate	WHOLE	0.01	0.1	5	0	0
Haloxifop	WHOLE	0.01	Not set	5	0	0
Iodosulfuron-methyl-sodium	WHOLE	0.01	Not set	39	0	0
MCPA	WHOLE	0.01	0.02	39	0	0
Metolachlor	WHOLE	0.01	0.02	39	0	0
Metosulam	WHOLE	0.01	0.02	39	0	0
Metsulfuron-methyl	WHOLE	0.01	0.02	39	0	0
Paraquat	WHOLE	0.01	0.05	5	0	0
Pendimethalin	WHOLE	0.01	Not set	39	0	0
Picloram	WHOLE	0.01	0.2	39	0	0

OAT (cont'd)	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
HERBICIDES (CONT'D)						
Simazine	WHOLE	0.01	Not set	39	0	0
Tralkoxydim	WHOLE	0.01	0.02	39	0	0
Triasulfuron	WHOLE	0.01	0.02	39	0	0
Triclopyr	WHOLE	0.01	Not set	39	0	0
Trifluralin	WHOLE	0.01	0.05	39	0	0
FUMIGANTS						
Phosphine	WHOLE	0.005	0.1	5	0	0
ENVIRONMENTAL CONTAMINANTS						
METALS						
Cadmium	WHOLE	0.01	No limit	3	0	0
Lead	WHOLE	0.01	0.2	3	0	0
Mercury	WHOLE	0.01	No limit	3	0	0
LOR	Limit of reporting (mg/kg).					
Not set	No standard has been set for the chemical in an 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.					
n/a	Australian Standard does not apply. No limit set or defined.					