



# Chickpea residue testing annual datasets 2020–21

National Residue Survey, Department of Agriculture, Water and the Environment

## Dataset abbreviations

**LOR** Limit of reporting.

**MRL** Maximum residue limit.

**no limit** No Australian standard applicable for the contaminant. The ‘as low as reasonably achievable’ principle applies. Detections at low levels are allowable.

**not defined** Standards are not defined in inedible matrixes (urine and faeces).

**not set** No Australian standard has been set for the chemical in the edible matrix and any detection is a contravention of the Australia New Zealand Food Standards Code.

## Disclaimer

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**Table 1 Fungicides**

| Chemical       | Matrix | LOR<br>(mg/kg) | MRL<br>(mg/kg) | No. of<br>samples<br>tested | > ½ MRL<br>to ≤ MRL | > MRL |
|----------------|--------|----------------|----------------|-----------------------------|---------------------|-------|
| azoxystrobin   | whole  | 0.01           | 0.3            | 60                          | 0                   | 0     |
| benalaxyl      | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| bitertanol     | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| bixafen        | whole  | 0.01           | 0.01           | 60                          | 0                   | 0     |
| boscalid       | whole  | 0.01           | 3              | 60                          | 0                   | 0     |
| bupirimate     | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| captafol       | whole  | 0.02           | not set        | 60                          | –                   | 0     |
| captan         | whole  | 0.01           | 0.1            | 60                          | 0                   | 0     |
| carbendazim    | whole  | 0.01           | 0.5            | 60                          | 0                   | 0     |
| carboxin       | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| chlorothalonil | whole  | 0.01           | 3              | 60                          | 0                   | 0     |

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| Chemical                                 | Matrix | LOR<br>(mg/kg) | MRL<br>(mg/kg) | No. of<br>samples<br>tested | > ½ MRL<br>to ≤ MRL | > MRL |
|------------------------------------------|--------|----------------|----------------|-----------------------------|---------------------|-------|
| cyproconazole                            | whole  | 0.01           | 0.05           | 60                          | 0                   | 0     |
| cyprodinil                               | whole  | 0.01           | 0.2            | 60                          | 0                   | 0     |
| difenoconazole                           | whole  | 0.01           | not set        | 60                          | –                   | 1     |
| dimethomorph (sum of E<br>and Z isomers) | whole  | 0.01           | 1              | 60                          | 0                   | 0     |
| dithianon                                | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| dodine                                   | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| epoxiconazole                            | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| etridiazole                              | whole  | 0.01           | 0.2            | 60                          | 0                   | 0     |
| fenarimol                                | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| fenbuconazole                            | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| fenhexamid                               | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| fluazinam                                | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| fludioxonil                              | whole  | 0.01           | 0.1            | 60                          | 0                   | 0     |
| fluquinconazole                          | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| flusilazole                              | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| flutriafol                               | whole  | 0.01           | 0.05           | 60                          | 0                   | 0     |
| fluxapyroxad                             | whole  | 0.01           | 0.01           | 60                          | 0                   | 0     |
| hexaconazole                             | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| imazalil                                 | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| ipconazole                               | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| iprodione                                | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| isoprothiolane                           | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| kresoxim-methyl                          | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| metalaxyl                                | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| myclobutanil                             | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| oxadixyl                                 | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| penconazole                              | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| penflufen                                | whole  | 0.01           | 0.01           | 60                          | 0                   | 0     |
| prochloraz                               | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| procymidone                              | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| propiconazole                            | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| prothioconazole                          | whole  | 0.01           | 0.02           | 60                          | 0                   | 0     |
| pyraclostrobin                           | whole  | 0.01           | 0.5            | 60                          | 0                   | 0     |
| pyrimethanil                             | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| quinoxifen                               | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| sedaxane                                 | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| spiroxamine                              | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| tebuconazole                             | whole  | 0.01           | 1              | 60                          | 0                   | 0     |

| Chemical         | Matrix | LOR<br>(mg/kg) | MRL<br>(mg/kg) | No. of<br>samples<br>tested | > ½ MRL<br>to ≤ MRL | > MRL |
|------------------|--------|----------------|----------------|-----------------------------|---------------------|-------|
| thiabendazole    | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| tolclofos methyl | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| triadimefon      | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| triadimenol      | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| trifloxystrobin  | whole  | 0.01           | 0.01           | 60                          | 0                   | 0     |
| triticonazole    | whole  | 0.01           | not set        | 60                          | –                   | 0     |
| vinclozolin      | whole  | 0.01           | not set        | 60                          | –                   | 0     |

**Table 2 Herbicides**

| Chemical                             | Matrix | LOR<br>(mg/kg) | Australian<br>standard<br>(mg/kg) | No. of<br>samples<br>tested | > ½ MRL<br>to ≤ MRL | > MRL |
|--------------------------------------|--------|----------------|-----------------------------------|-----------------------------|---------------------|-------|
| 2,2-DPA (2,2-dichloropropionic acid) | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| 2,4-D                                | whole  | 0.01           | 0.05                              | 60                          | 0                   | 0     |
| 2,4-DB                               | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| acifluorfen                          | whole  | 0.01           | 0.1                               | 49                          | 0                   | 0     |
| ametryn                              | whole  | 0.01           | not set                           | 49                          | –                   | 0     |
| aminopyralid                         | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| amitrole                             | whole  | 0.01           | 0.01                              | 21                          | 0                   | 0     |
| atrazine                             | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| bentazone                            | whole  | 0.01           | 0.01                              | 60                          | 0                   | 0     |
| bicyclopyrone                        | whole  | 0.01           | not set                           | 49                          | –                   | 0     |
| bromacil                             | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| bromoxynil                           | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| butroxydim                           | whole  | 0.01           | 0.01                              | 60                          | 0                   | 0     |
| carfentrazone-ethyl                  | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| chlormequat                          | whole  | 0.01           | not set                           | 21                          | –                   | 0     |
| chlorpropham                         | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| chlorsulfuron                        | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| chlorthal-dimethyl                   | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| clethodim (parent only)              | whole  | 0.01           | 0.1                               | 60                          | 0                   | 0     |
| clodinafop acid                      | whole  | 0.01           | not set                           | 49                          | –                   | 0     |
| clodinafop-propargyl                 | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| clomazone                            | whole  | 0.01           | not set                           | 49                          | –                   | 0     |
| clopyralid                           | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| cloquintocet-mexyl                   | whole  | 0.01           | not set                           | 49                          | –                   | 0     |
| cyanazine                            | whole  | 0.01           | 0.01                              | 60                          | 0                   | 0     |
| dicamba                              | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| dichlobenil                          | whole  | 0.01           | not set                           | 60                          | –                   | 0     |

| Chemical            | Matrix | LOR<br>(mg/kg) | Australian<br>standard<br>(mg/kg) | No. of<br>samples<br>tested | > ½ MRL<br>to ≤ MRL | > MRL |
|---------------------|--------|----------------|-----------------------------------|-----------------------------|---------------------|-------|
| dichlorprop         | whole  | 0.01           | not set                           | 21                          | –                   | 0     |
| diclofop-methyl     | whole  | 0.01           | not set                           | 21                          | –                   | 0     |
| diflufenican        | whole  | 0.01           | 0.05                              | 60                          | 0                   | 0     |
| dimethenamid        | whole  | 0.01           | 0.02                              | 49                          | 0                   | 0     |
| diquat              | whole  | 0.01           | 1                                 | 21                          | 0                   | 0     |
| diuron              | whole  | 0.01           | 0.05                              | 60                          | 0                   | 0     |
| EPTC                | whole  | 0.01           | 0.04                              | 49                          | 0                   | 0     |
| ethofumesate        | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| fenoxaprop-ethyl    | whole  | 0.01           | 0.01                              | 60                          | 0                   | 0     |
| flamprop-M-methyl   | whole  | 0.01           | 0.01                              | 21                          | 0                   | 0     |
| florasulam          | whole  | 0.01           | not set                           | 49                          | –                   | 0     |
| fluazifop-p-butyl   | whole  | 0.01           | 0.5                               | 21                          | 0                   | 0     |
| flumetsulam         | whole  | 0.01           | 0.05                              | 60                          | 0                   | 0     |
| flumioxazin         | whole  | 0.01           | 0.1                               | 60                          | 0                   | 0     |
| fluroxypyr          | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| glufosinate         | whole  | 0.01           | not set                           | 21                          | –                   | 0     |
| glyphosate          | whole  | 0.01           | 5                                 | 21                          | 0                   | 0     |
| halauxifen-methyl   | whole  | 0.01           | not set                           | 49                          | –                   | 0     |
| halosulfuron-methyl | whole  | 0.01           | not set                           | 49                          | –                   | 0     |
| haloxyfop           | whole  | 0.01           | 0.1                               | 21                          | 8                   | 0     |
| imazamox            | whole  | 0.01           | not set                           | 21                          | –                   | 0     |
| imazapic            | whole  | 0.01           | not set                           | 21                          | –                   | 0     |
| imazapyr            | whole  | 0.01           | not set                           | 21                          | –                   | 0     |
| imazaquin           | whole  | 0.01           | not set                           | 21                          | –                   | 0     |
| imazethapyr         | whole  | 0.01           | 0.1                               | 21                          | 0                   | 0     |
| iodosulfuron-methyl | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| ioxynil             | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| isoxaben            | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| isoxaflutole        | whole  | 0.01           | 0.02                              | 49                          | 0                   | 0     |
| linuron             | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| MCPA                | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| MCPB                | whole  | 0.01           | 0.02                              | 49                          | 0                   | 0     |
| mefenpyr-diethyl    | whole  | 0.01           | not set                           | 49                          | –                   | 0     |
| metazachlor         | whole  | 0.01           | 0.03                              | 49                          | 0                   | 0     |
| methabenzthiazuron  | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| metolachlor         | whole  | 0.01           | 0.01                              | 60                          | 0                   | 0     |
| metosulam           | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| metribuzin          | whole  | 0.01           | 0.01                              | 60                          | 0                   | 0     |
| metsulfuron-methyl  | whole  | 0.01           | 0.05                              | 60                          | 0                   | 0     |

| Chemical             | Matrix | LOR (mg/kg) | Australian standard (mg/kg) | No. of samples tested | > ½ MRL to ≤ MRL | > MRL |
|----------------------|--------|-------------|-----------------------------|-----------------------|------------------|-------|
| napropamide          | whole  | 0.01        | not set                     | 60                    | –                | 0     |
| norflurazon          | whole  | 0.01        | not set                     | 60                    | –                | 0     |
| oryzalin             | whole  | 0.01        | not set                     | 60                    | –                | 0     |
| oxyfluorfen          | whole  | 0.01        | not set                     | 60                    | –                | 0     |
| paraquat             | whole  | 0.01        | 1                           | 21                    | 0                | 0     |
| pendimethalin        | whole  | 0.01        | 0.05                        | 60                    | 0                | 0     |
| picloram             | whole  | 0.01        | not set                     | 60                    | –                | 0     |
| picolinafen          | whole  | 0.01        | not set                     | 49                    | –                | 0     |
| pinoxaden (parent)   | whole  | 0.01        | not set                     | 49                    | –                | 0     |
| prometryn            | whole  | 0.01        | 0.1                         | 49                    | 0                | 0     |
| propachlor           | whole  | 0.01        | not set                     | 60                    | –                | 0     |
| propaquizafop        | whole  | 0.01        | 0.05                        | 21                    | 0                | 0     |
| propyzamide          | whole  | 0.01        | 0.01                        | 60                    | 0                | 0     |
| prosulfocarb         | whole  | 0.01        | 0.01                        | 49                    | 0                | 0     |
| pyraflufen-ethyl     | whole  | 0.01        | 0.02                        | 49                    | 0                | 0     |
| pyrasulfotole        | whole  | 0.01        | not set                     | 49                    | –                | 0     |
| pyroxasulfone        | whole  | 0.01        | 0.01                        | 49                    | 0                | 0     |
| pyroxsulam           | whole  | 0.01        | not set                     | 49                    | –                | 0     |
| quizalofop-ethyl     | whole  | 0.01        | 0.2                         | 21                    | 0                | 0     |
| quizalofop-P-tefuryl | whole  | 0.01        | 0.2                         | 21                    | 0                | 0     |
| saflufenacil         | whole  | 0.01        | 0.2                         | 60                    | 0                | 0     |
| sethoxydim           | whole  | 0.01        | 0.1                         | 60                    | 0                | 0     |
| simazine             | whole  | 0.01        | 0.05                        | 60                    | 0                | 0     |
| sulfosulfuron        | whole  | 0.01        | not set                     | 49                    | –                | 0     |
| terbuthylazine       | whole  | 0.01        | 0.02                        | 49                    | 0                | 0     |
| terbutryn            | whole  | 0.01        | not set                     | 60                    | –                | 0     |
| tralkoxydim          | whole  | 0.01        | not set                     | 60                    | –                | 0     |
| triallate            | whole  | 0.01        | 0.1                         | 60                    | 0                | 0     |
| triasulfuron         | whole  | 0.01        | not set                     | 60                    | –                | 0     |
| tribenuron-methyl    | whole  | 0.01        | 0.01                        | 49                    | 0                | 0     |
| triclopyr            | whole  | 0.01        | not set                     | 60                    | –                | 0     |
| trifluralin          | whole  | 0.01        | 0.05                        | 60                    | 0                | 0     |

**Table 3 Insecticides**

| Chemical    | Matrix | LOR (mg/kg) | Australian standard (mg/kg) | No. of samples tested | > ½ MRL to ≤ MRL | > MRL |
|-------------|--------|-------------|-----------------------------|-----------------------|------------------|-------|
| abamectin   | whole  | 0.01        | not set                     | 60                    | –                | 0     |
| acephate    | whole  | 0.01        | not set                     | 60                    | –                | 0     |
| acetamiprid | whole  | 0.01        | 0.1                         | 60                    | 0                | 0     |

| Chemical                         | Matrix | LOR<br>(mg/kg) | Australian<br>standard<br>(mg/kg) | No. of<br>samples<br>tested | > ½ MRL<br>to ≤ MRL | > MRL |
|----------------------------------|--------|----------------|-----------------------------------|-----------------------------|---------------------|-------|
| aldicarb                         | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| amitraz                          | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| azamethiphos                     | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| azinphos-methyl                  | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| bifenazate                       | whole  | 0.01           | 0.5                               | 60                          | 0                   | 0     |
| bifenthrin                       | whole  | 0.01           | 0.02                              | 60                          | 0                   | 0     |
| bioresmethrin                    | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| buprofezin                       | whole  | 0.01           | 0.01                              | 60                          | 0                   | 0     |
| cadusafos                        | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| carbaryl                         | whole  | 0.01           | 0.1                               | 60                          | 0                   | 0     |
| carbofuran                       | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| chlorantraniliprole              | whole  | 0.01           | 0.07                              | 60                          | 0                   | 0     |
| chlorfenapyr                     | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| chlorfenvinphos (sum of isomers) | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| chlorpyrifos                     | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| chlorpyrifos-methyl              | whole  | 0.01           | 0.15                              | 60                          | 0                   | 0     |
| clofentezine                     | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| clothianidin                     | whole  | 0.01           | 0.1                               | 60                          | 0                   | 0     |
| cyantraniliprole                 | whole  | 0.01           | 0.05                              | 49                          | 0                   | 0     |
| cyfluthrin (sum of isomers)      | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| cyhalothrin (sum of isomers)     | whole  | 0.01           | 0.2                               | 60                          | 0                   | 0     |
| cypermethrin (sum of isomers)    | whole  | 0.01           | 0.2                               | 60                          | 0                   | 0     |
| deltamethrin                     | whole  | 0.01           | 0.1                               | 60                          | 0                   | 0     |
| diafenthiuron                    | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| diazinon                         | whole  | 0.01           | 0.7                               | 60                          | 0                   | 0     |
| dichlorvos                       | whole  | 0.01           | 0.01                              | 60                          | 0                   | 1     |
| dicofol                          | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| diflubenzuron                    | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| dimethoate                       | whole  | 0.01           | 0.7                               | 60                          | 0                   | 0     |
| disulfoton                       | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| emamectin                        | whole  | 0.01           | 0.01                              | 60                          | 0                   | 0     |
| esfenvalerate                    | whole  | 0.01           | 0.5                               | 38                          | 0                   | 0     |
| ethion                           | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| ethoprophos                      | whole  | 0.005          | not set                           | 60                          | –                   | 0     |
| etoxazole                        | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| fenamiphos                       | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| fenbutatin oxide                 | whole  | 0.01           | not set                           | 60                          | –                   | 0     |

| Chemical                     | Matrix | LOR<br>(mg/kg) | Australian<br>standard<br>(mg/kg) | No. of<br>samples<br>tested | > ½ MRL<br>to ≤ MRL | > MRL |
|------------------------------|--------|----------------|-----------------------------------|-----------------------------|---------------------|-------|
| fenitrothion                 | whole  | 0.01           | 0.1                               | 60                          | 1                   | 0     |
| fenoxycarb                   | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| fenpyroximate                | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| fenthion                     | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| fenvalerate (sum of isomers) | whole  | 0.01           | 0.5                               | 60                          | 0                   | 0     |
| fipronil                     | whole  | 0.002          | not set                           | 60                          | –                   | 0     |
| flonicamid                   | whole  | 0.01           | not set                           | 49                          | –                   | 0     |
| hexythiazox                  | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| imidacloprid                 | whole  | 0.01           | not set                           | 60                          | –                   | 1     |
| indoxacarb                   | whole  | 0.01           | 0.2                               | 60                          | 0                   | 0     |
| malathion (maldison)         | whole  | 0.01           | 2                                 | 60                          | 0                   | 0     |
| methacrifos                  | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| methamidophos                | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| methidathion                 | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| methiocarb                   | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| methomyl                     | whole  | 0.01           | 1                                 | 60                          | 0                   | 0     |
| methoprene                   | whole  | 0.01           | not set                           | 60                          | –                   | 2     |
| methoxychlor                 | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| methoxyfenozide              | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| mevinphos                    | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| monocrotophos                | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| omethoate                    | whole  | 0.01           | 0.1                               | 60                          | 0                   | 0     |
| parathion                    | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| parathion-methyl             | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| permethrin (sum of isomers)  | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| phenothrin (sum of isomers)  | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| phorate                      | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| phosmet                      | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| piperonyl butoxide           | whole  | 0.01           | 8                                 | 60                          | 0                   | 0     |
| pirimicarb                   | whole  | 0.01           | 0.02                              | 60                          | 0                   | 0     |
| pirimiphos-methyl            | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| profenofos                   | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| propargite                   | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| prothiofos                   | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| pymetrozine                  | whole  | 0.01           | not set                           | 60                          | –                   | 0     |
| pyrethrins                   | whole  | 0.01           | 1                                 | 60                          | 0                   | 0     |
| pyriproxyfen                 | whole  | 0.01           | not set                           | 60                          | –                   | 0     |

| Chemical        | Matrix | LOR (mg/kg) | Australian standard (mg/kg) | No. of samples tested | > ½ MRL to ≤ MRL | > MRL |
|-----------------|--------|-------------|-----------------------------|-----------------------|------------------|-------|
| spinetoram      | whole  | 0.01        | 0.01                        | 60                    | 0                | 0     |
| spinosad        | whole  | 0.01        | 0.01                        | 60                    | 0                | 0     |
| spirotetramat   | whole  | 0.01        | not set                     | 60                    | –                | 0     |
| sulfoxaflor     | whole  | 0.01        | not set                     | 60                    | –                | 0     |
| tau-fluvalinate | whole  | 0.01        | not set                     | 60                    | –                | 0     |
| tebufenozide    | whole  | 0.01        | not set                     | 60                    | –                | 0     |
| tebufenpyrad    | whole  | 0.01        | not set                     | 60                    | –                | 0     |
| terbufos        | whole  | 0.01        | not set                     | 60                    | –                | 0     |
| tetradifon      | whole  | 0.01        | not set                     | 60                    | –                | 0     |
| thiacloprid     | whole  | 0.01        | not set                     | 60                    | –                | 0     |
| thiamethoxam    | whole  | 0.01        | 0.5                         | 60                    | 0                | 0     |
| thiodicarb      | whole  | 0.01        | 0.1                         | 60                    | 0                | 0     |
| triazofos       | whole  | 0.01        | not set                     | 60                    | –                | 0     |
| trichlorfon     | whole  | 0.01        | 0.2                         | 60                    | 0                | 0     |
| triflumuron     | whole  | 0.01        | not set                     | 60                    | –                | 0     |

**Table 4 Contaminants**

| Chemical                        | Matrix | LOR (mg/kg) | Australian standard (mg/kg) | No. of samples tested | > ½ MRL to ≤ MRL | > MRL |
|---------------------------------|--------|-------------|-----------------------------|-----------------------|------------------|-------|
| aldrin and dieldrin (HHDN+HEOD) | whole  | 0.01        | not set                     | 60                    | –                | 0     |
| chlordane                       | whole  | 0.01        | 0.02                        | 60                    | 0                | 0     |
| DDT                             | whole  | 0.01        | 1                           | 60                    | 0                | 0     |
| endosulfan                      | whole  | 0.01        | not set                     | 60                    | –                | 0     |
| endrin                          | whole  | 0.01        | not set                     | 60                    | –                | 0     |
| HCB (hexachlorobenzene)         | whole  | 0.01        | not set                     | 60                    | –                | 0     |
| HCH (BHC)                       | whole  | 0.01        | not set                     | 60                    | –                | 0     |
| heptachlor                      | whole  | 0.01        | 0.05                        | 60                    | 0                | 0     |
| lindane (gamma-HCH)             | whole  | 0.01        | 2                           | 60                    | 0                | 0     |
| mirex                           | whole  | 0.01        | not set                     | 60                    | –                | 0     |

**Table 5 Physiological modifier**

| Chemical         | Matrix | LOR (mg/kg) | Australian standard (mg/kg) | No. of samples tested | > ½ MRL to ≤ MRL | > MRL |
|------------------|--------|-------------|-----------------------------|-----------------------|------------------|-------|
| trinexapac-ethyl | whole  | 0.01        | not set                     | 49                    | –                | 0     |