

**23 March 2022**

**195-22**

**Supporting document 1**

Dietary exposure assessments and proposed MRL changes – Proposal M1020

Maximum Residue Limits (2021)

# Executive summary

This Supporting Document provides information relating to the results of the dietary exposure assessments (DEA) undertaken for the requested agricultural and veterinary (agvet) chemicals and food commodities for the Maximum Residue Limits (MRL) (2021) Harmonisation Proposal, M1020. This proposal includes consideration of MRLs gazetted by the Australian Pesticides and Veterinary Medicines Authority (APVMA), and MRLs requested by other parties seeking to align MRLs in the Code with those established by the Codex Alimentarius Commission (Codex) and other trading partners.

A DEA was undertaken for each of the requested chemicals where the APVMA or the Joint Food and Agriculture Organization / World Health Organization Meeting on Pesticide Residues (JMPR) have established a relevant Health-Based Guidance Value (HBGV), such as an Acceptable Daily Intake (ADI) or Acute Reference Dose (ARfD). Where there was no APVMA or JMPR HBGV and the agvet chemical is or has been previously listed in Schedule 20, another authoritative source of HBGV for the DEA was used. The DEA methods used are consistent with internationally accepted methodologies, the APVMA’s risk assessment framework for approving and registering agricultural chemical products for use in Australia and the process used by both the APVMA and FSANZ for establishing and reviewing MRLs in Schedule 20 of the Code.

The National Estimated Daily Intake (NEDI) was calculated for each of the requested chemicals and food commodities to represent chronic dietary exposure. The NEDI estimate was then compared to the ADI for that chemical. The National Estimated Short-Term Intake (NESTI) was also calculated for an acute (short-term) dietary exposure for each of the requested chemicals and food commodities and then compared to the relevant ARfD, if established.

The food consumption data used for the dietary exposure assessments were sourced from the 2011–12 National Nutrition and Physical Activity Survey (NNPAS), a component of the 2011–13 Australian Health Survey. The mean food consumption data for all survey respondents (n=7,735, aged 2 years and above) were used for the NEDI. This mean value represents the average consumption of a food commodity for the whole population. For the NESTI calculations, food consumption data at the 97.5th percentile for consumers only of the commodity (aged 2 years and above) were extracted. To derive NESTI estimates for specific sub-population groups, 97.5th percentile food consumption data for the groups were also derived. The population sub-groups included children aged 2–6 years and women of childbearing age (16–44 years).

An additional assessment was conducted for the agvet chemicals to determine their suitability for the establishment of an *All other foods except animal food commodities* MRL. For agvet chemicals with an existing *All other foods except animal food commodities* MRL the limit was reviewed. The assessment process for this MRL category followed the principles set out in Proposal P1027 – Managing Low-level Ag & Vet Chemicals without Maximum Residue Limits. The proposed MRLs for this category allow for low level inadvertent presence of chemical residues in food following legitimate use, whilst aiming to limit 'off-label' use.

The dietary exposure estimates for all chemicals with proposed MRLs in M1020 are below relevant HBGVs, indicating negligible health and safety concerns to Australian consumers. The proposed MRL changes, origin of requests, commodity descriptions, comparisons with Codex MRLs and the dietary exposure estimates for the Australian population are given in [Appendix 1](#Appendix_1) of this document. The summaries of existing or proposed *All other foods except animal food commodities* MRLs are set out in [Appendix 2](#Appendix_2).

Table of contents

[Executive summary i](#_Toc96973392)

[Introduction 1](#_Toc96973393)

[Chemicals new to Schedule 20 1](#_Toc96973394)

[Chronic DEAs 2](#_Toc96973395)

[Acute DEAs 3](#_Toc96973396)

[Food consumption data used in the DEAs 4](#_Toc96973397)

[Other proposed changes to Schedule 20 5](#_Toc96973398)

[Consideration of recent Codex Alimentarius Commission MRLs 8](#_Toc96973399)

[*All other foods except animal food commodities* MRLs 9](#_Toc96973400)

[Appendix 1 10](#_Toc96973401)

[Results of the DEAs for requested MRL changes 10](#_Toc96973402)

[Appendix 2 35](#_Toc96973403)

[DEA summaries for the proposed *All other foods except animal food commodities* MRLs 35](#_Toc96973404)

Introduction

This Supporting Document provides information relating to the results of the dietary exposure assessments (DEAs) undertaken for each of the requested agvet chemicals and food commodities for the 2021 MRL Harmonisation Proposal, M1020.

The harmonisation requests sought to align MRLs in Schedule 20 of the *Australian New Zealand Food Standards Code* (the Code) with the MRLs proposed by the requestors which were either established by the Codex Alimentarius Committee (Codex) or the countries in which the foods were produced. These standards all reflect legitimate international use of permitted agvet chemicals in the production of the food commodities. The proposal also included requests from the Australian Pesticides and Veterinary Medicines Authority (APVMA) to align the Code with the APVMA MRL Standard, including the removal or reduction of certain MRLs.

For each chemical considered in this proposal the existing *All other foods except animal food commodities* MRLs were reviewed and where appropriate, an additional assessment was conducted for suitability to establish *All other foods except animal food commodities* MRLs. Assessment and allocation of this MRL category followed the principles set out in *Proposal P1027 – Managing Low-level Ag & Vet Chemicals without Maximum Residue Limits*.

The methods used for the dietary exposure estimates are consistent with internationally accepted methodologies, with the APVMA’s risk assessment framework for approving and registering agricultural chemical products in Australia and the process used by both the APVMA and FSANZ for establishing and reviewing MRLs in Schedule 20.

Chemicals new to Schedule 20

Several MRL harmonisation requests were received for agvet chemicals not listed in Schedule 20. A review by the APVMA confirmed the chemicals listed below are not currently registered for use in Australia. Chemicals that did not have health-based guidance values (HBGVs) that met the requirements outlined in Section 4.2.2 of the [Guide to submitting requests for maximum residue limit (MRL) harmonisation proposals](https://www.foodstandards.gov.au/publications/Pages/Guide-for-Submitting-Requests-for-MRL-Proposals.aspx)[[1]](#footnote-2) were excluded from further consideration. The remaining chemicals were evaluated for their antimicrobial properties, which confirmed there was no evidence that any of the chemicals posed an unacceptable risk of promoting antimicrobial resistance.

| **Agvet chemical** | **FSANZ Assessment** |
| --- | --- |
| 1,4-Dimethyl naphthalene | * Limited residue data and definitions available. * No appropriate HBGVs identified |
| Cyhexatin | * Residue data and definitions are available. * JMPR has established HBGVs, noting ARfD applies to women of child bearing age only. * No risk of antimicrobial resistance identified |
| Dinocap | * Residue data and definitions are available. * JMPR has established HBGVs, noting separate ARfDs applies to women of child bearing age and the rest of the population. * No risk of antimicrobial resistance identified |
| Ethylene | * No residue data or definitions available. * No appropriate HBGVs identified * No information provided on pattern of use |
| Fenamidone | * Residue data and definitions are available. * JMPR has established HBGVs. * No risk of antimicrobial resistance identified |
| Flutianil | * No residue data or definitions available. * No appropriate HBGVs identified |
| Inpyrfluxam | * No residue data or definitions available. * No appropriate HBGVs identified |
| Kasugamycin | * No residue data or definitions available. * No appropriate HBGVs identified |
| Tolfenpyrad | * Residue data and definitions are available. * JMPR has established HBGVs. * No risk of antimicrobial resistance identified |
| Triazophos | * Residue data and definitions are available. * JMPR has established HBGVs. * No risk of antimicrobial resistance identified |
| Valifenalate | * Residue data and definitions are available. * JMPR has established HBGVs. * No risk of antimicrobial resistance identified |

Chronic DEAs

The National Estimated Daily Intake (NEDI) represents an estimate of chronic dietary exposure expressed on an exposure per day basis. In chronic DEAs, the chemical residues in all the food commodities that could result from the permitted use of the agricultural chemicals are considered. Chemical residue trial data, as opposed to the MRL, are the preferred concentration data used if available, as they provide a more realistic estimate of dietary exposure.

The estimated mean exposure from each food commodity is added together to provide the total mean dietary exposure to a chemical from all foods with MRLs. The estimated mean dietary exposure is divided by the mean body weight for the population to provide the amount of chemical consumed per day per kg of body weight for the Australian population. This result is then compared to the ADI established for the chemical.

The NEDI calculation may incorporate more specific data as appropriate. The NEDI calculation may also take into account factors such as the proportion of the crop or commodity treated with the chemical, the residues in edible portions and the effects of processing and cooking on the residue levels. It may use supervised trials median residue (STMR) levels rather than the MRLs to represent chemical residue levels. Chemical concentration data from monitoring and surveillance activities or the Australian Total Diet Studies (ATDS) may also be used if necessary.

If data are not available on the specific residues in a food, a cautious approach is taken and the MRL value is used in the calculation. However, use of the MRL in dietary exposure estimates may result in considerable overestimates of exposure because this approach assumes that:

* the agricultural chemical will be used on all crops for which there is a registered use or an approved permit
* treatment occurs at the maximum application rate
* the maximum number of permitted treatments have been applied
* the minimum withholding period applies
* the entire crop and food supply contains residues equivalent to the MRL.

In reality, only a portion of a specific crop is treated with the chemical and most treated crops at harvest contain residues well below the MRL. The levels of residues are usually reduced during storage, preparation, commercial processing, and cooking. It is also unlikely that every food for which an MRL is proposed will have been treated with the same pesticide throughout the lifetime of consumers that eat those foods. However, for the purposes of undertaking a risk assessment, it is prudent to be protective of consumers, particularly in the absence of data that could further refine the dietary exposure estimates.

The NEDI presented as a percent of the HBGV (ADI) in [Appendix 1](#Appendix_1) includes all foods with existing MRLs, the foods requested in this proposal and *All other foods except animal food commodities* where an MRL has been proposed.

Acute DEAs

The National Estimated Short-Term Intake (NESTI) is used to estimate acute (short-term) dietary exposure. Acute DEAs are undertaken where the APVMA has set an ARfD for a chemical or advised it is appropriate to use a JMPR ARfD. The established ARfD is used for NESTI assessments for the population aged 2 years and above and children 2-6 years. An acute DEA is only undertaken for women of childbearing age (16-44 years) where a specific ARfD for this group is established.

The NESTI is calculated in a similar way to chronic dietary exposure, but uses the ARfD rather than ADI as the HBGV and food consumption data at the 97.5th percentile for consumers only instead of the mean for all survey respondents. The calculation can take into account factors such as the highest residue on a composite sample of an edible portion, the STMR, processing factors (which affect changes from the raw commodity to the consumed food) and a 'variability factor' (to account for variations in residues between individual pieces of a commodity) where appropriate.

The equations for calculating the NESTI differ depending on the type or size of the commodity. These equations are agreed and used internationally. The calculations provide information on the level of exposure to a chemical from consuming an individual food commodity (e.g. wheat) and take into account the consumption of processed foods that contain the commodity (e.g. apple pie and bread). The estimated exposure for each individual food is compared to the ARfD. Unlike the NEDI, the calculations are done for each commodity individually; there is no summing of exposures across foods.

A NESTI calculation may include food consumption data for particular sub-groups of the population.

Food consumption data used in the DEAs

***NEDI calculation***

Mean food consumption data derived from all respondents (eaters and non-eaters of the foods containing the chemical residue) were used for NEDI calculations. The consumption amounts were derived from respondents (n=7,735) who had two days of 24-hour recall data from the 2011–12 National Nutrition and Physical Activity Survey (NNPAS), which was a component of the 2011–13 Australian Health Survey. The two days of data were averaged for each respondent. The results from this subset of NNPAS respondents were weighted using a specific set of sample weights to ensure the consumption data were representative of the Australian population. Mean consumption data are generally reported in grams/kg bw/day for the whole population aged 2 years and above, where each individual’s consumption of a commodity is divided by their own body weight before the summary population statistics are derived.

If no consumption was recorded for a food commodity in the nutrition survey, a default value of 0.0001 g/kg bw/day was assigned, except in the case of edible vegetable oils, where ‘market share’ data from Euromonitor 2016 was used to estimate consumption. The percentage of market share data from Euromonitor for ‘other vegetable oils’ was used to calculate a percentage of the total consumption of vegetable oils.

***NESTI calculation***

NESTI calculations use food consumption data at the 97.5th percentile only for consumers of the food of interest, based on a single day using 24-hour recall data from the 2011-12 NNPAS.

Consumption data were also derived from the subset of survey respondents with two days of 24-hour recall data. However, in this case the two days of recall data were pooled. This means the second day of recall data for each respondent was treated as a separate respondent, giving a larger number of total respondents (n=15470) with a single day of food recall data. The 97.5th percentile of consumption represents a high consumer of the particular food commodity from a single meal or over a 24-hour period, and is also termed the ‘large portion’. For the calculations used by FSANZ, consumption from a 24-hour period is used.

ARfDs for chemicals may be set for specific population sub-groups where necessary. Therefore, large portion food consumption data were derived for three population sub-groups: the entire population aged two years and above; children aged 2–6 years; and women of childbearing age (16–44 years).

Other proposed changes to Schedule 20

During a harmonisation process, if there are proposed MRL deletions for an agvet chemical, previous requests to establish an MRL in Schedule 20 may be reconsidered by FSANZ. In M1020, FSANZ has chosen to reconsider a dimethoate MRL request for currants, black, red, white ([Table 1](#Table_1)).

Throughout the year, FSANZ received stakeholder input identifying inadvertent errors in Schedule 20. These include: deletion of an MRL; instances where a requested deletion of an MRL has not been progressed; a commodity name has been changed prior to gazettal; more than one MRL for the same commodity remains in the Code; an MRL has been modified by the agency to which FSANZ has aligned a request; and an MRL was listed under the wrong agvet chemical name. The proposed amendments to correct these changes are presented in [Table 1](#Table_1).

Concurrent to M1020, FSANZ has also been undertaking [Proposal M1019](https://www.foodstandards.gov.au/code/proposals/Pages/M1019---Review-of-Schedule-22-%E2%80%93-Foods-and-classes-of-foods-(2021).aspx)[[2]](#footnote-3) to review Schedule 22 – Foods and classes of foods. In line with M1019, FSANZ is proposing to update some Schedule 20 commodity names related to requests received for M1018 and M1020 that would not be captured by M1019. For example, FSANZ considered recently adopted fluensulfone Codex MRLs for several subgroups within the group Cereal grains. To ensure that specific cereal grains not captured by the Codex MRLs remain at the existing limit, FSANZ is proposing to add the remaining cereal grain subgroups, with the existing Cereal grains group MRL (rather than list all the subgroups with higher MRLs as exceptions after Cereal grains). These proposed amendments are presented in [Table 1](#Table_1).

The presentation of this data in Table 1 is to ensure transparency for stakeholders who may be impacted by the proposed changes.

Table 1: Proposed variations to Schedule 20 to accommodate M1019 changes and to enact corrections

| **Chemical and commodity requested** | **Pre- M1020 MRL (mg/kg)** | **Post M1020 MRL (mg/kg)** | **MRL change** | **Reason for inclusion in M1020** |
| --- | --- | --- | --- | --- |
| **Bentazone** |  |  |  |  |
| Beans, dry | 0.5 | None | Deleted | With amendment to Schedule 22 (M1019), these foods are being reclassified. |
| Peas, dry | 0.5 | None | Deleted | With amendment to Schedule 22 (M1019), these foods are being reclassified. |
| Pulses[except beans, dry; pea,dry] | \*0.01 | None | Deleted | With amendment to Schedule 22 (M1019), these foods are being reclassified. |
| Dry beans | 0.5 | 0.5 | Maintained | New food category to meet amendment of Schedule 22 to align with Codex. |
| Dry peas | 0.5 | 0.5 | Maintained | New food category to meet amendment of Schedule 22 to align with Codex. |
| Dry underground pulses | \*0.01 | \*0.01 | Maintained | New food category to meet amendment of Schedule 22 to align with Codex. |
| **Chlorantraniliprole** |  |  |  |  |
| Hops, dry | 90 | 40 | Decreased | To meet a change in US tolerance levels, which were reduced in December 2016. |
| **Chlorothalonil** |  |  |  |  |
| Berries and other small fruits [except blackcurrant; grapes] | T10 | None | Deleted | Food commodity *Currant, black* inadvertently changed to *Blackcurrant*. |
| Berries and other small fruits [except Currant, black; Grapes] | T10 | T10 | Maintained | Corrected food commodity: *Currant, black*. |
| **Cyhalothrin** |  |  |  |  |
| Cumin seed | 0.5 | None | Deleted | The commodity was inserted by error. |
| **Cyromazine** |  |  |  |  |
| Podded pea (young pods) (snow and sugar snap) | 0.5 | None | Deleted | The original request for podded peas occurred in M1014. A recent amendment by the APVMA for Legume vegetables at T1 captures the podded pea entry, resulting in two different MRLs for the one commodity. |
| **Difenoconazole** |  |  |  |  |
| Brassica leafy vegetables | 2 | T5 | Increased | Domestic use MRL established by the APVMA was inadvertently replaced. |
| **Dimethoate** |  |  |  |  |
| Currants, red, black, white | None | \*0.01 | New | This request was not required in M1015 as a domestic MRL was already established. With the M1020 proposed APVMA amendment to dimethoate, FSANZ reconsidered the M1015 request. The original request was for alignment to the EU with an MRL for 0.02. Since M1015, the EU have decreased the MRL to \*0.01. |
| **Ethoprophos** |  |  |  |  |
| Banana | \*0.05 | None | Deleted | The request for this deletion was inadvertently not progressed in M1014. |
| Cereal grains | \*0.005 | None | Deleted | The request for this deletion was inadvertently not progressed in M1014. |
| Custard apple | \*0.02 | None | Deleted | The request for this deletion was inadvertently not progressed in M1014. |
| Litchi | \*0.02 | None | Deleted | The request for this deletion was inadvertently not progressed in M1014. |
| Potato | \*0.02 | None | Deleted | The request for this deletion was inadvertently not progressed in M1014. |
| Sugar cane | \*0.1 | None | Deleted | The request for this deletion was inadvertently not progressed in M1014. |
| Sweet potato | \*0.02 | None | Deleted | The request for this deletion was inadvertently not progressed in M1014. |
| Tomato | \*0.01 | None | Deleted | The request for this deletion was inadvertently not progressed in M1014. |
| **Fluensulfone** |  |  |  |  |
| Cereal grains | 0.05 | None | Deleted | With amendment to Schedule 22 (M1019), these foods are being reclassified. |
| Rice Cereals | 0.05 | 0.05 | Maintained | New food category to meet amendment of Schedule 22 to align with Codex. |
| Sorghum Grain and Millet | 0.05 | 0.05 | Maintained | New food category to meet amendment of Schedule 22 to align with Codex. |
| **Imazethapyr** |  |  |  |  |
| Rape seed | None | 0.05 | New | The commodity was progressed in M1010 but was later omitted by accident. |
| **Isofetamid** |  |  |  |  |
| Apricot | 3 | None | Deleted | With amendment to Schedule 22 (M1019), these foods are being reclassified. |
| Nectarine | 3 | None | Deleted | With amendment to Schedule 22 (M1019), these foods are being reclassified. |
| Peach | 3 | None | Deleted | With amendment to Schedule 22 (M1019), these foods are being reclassified. |
| Peaches (including Nectarines and Apricots) | 3 | 3 | Maintained | New food category to meet amendment of Schedule 22 to align with Codex. |
| **Isoxaflutole** |  |  |  |  |
| Sugar cane | None | \*0.01 | New | The commodity was progressed in M1003 but was later omitted by accident. |
| **Mefentrifluconazole** |  |  |  |  |
| Dried grapes (currants, raisins and sultanas) | 3 | None | Deleted | Entry for *Dried grapes (raisins)* with MRL of 4 mg/kg was progressed in M1018, resulting in two different MRLs for the same commodity. |
| Dried grapes (=currants, sultanas) | 3 | 3 | Maintained | Food commodity name corrected to delete second MRL for raisin. |
| Stone fruits [except apricot cherries; plums] | 1.5 | None | Deleted | With amendment to Schedule 22 (M1019), these foods are being reclassified. |
| Peaches (including Nectarines and Apricots) | 1.5 | 1.5 | Maintained | New food category to meet amendment of Schedule 22 to align with Codex. |
| Prunes, dried | 4 | 4 | Maintained | Updated food commodity name to meet amendment of Schedule 22 to align with Codex. |
| Cereal grains [except wheat; corn] | 4 | None | Deleted | With amendment to Schedule 22 (M1019), these foods are being reclassified. |
| Rice Cereals | 4 | 4 | Maintained | New food category to meet amendment of Schedule 22 to align with Codex. |
| Sorghum Grain and Millet | 4 | 4 | Maintained | New food category to meet amendment of Schedule 22 to align with Codex. |
| **Methidathion** |  |  |  |  |
| Grape | 7 | None | Deleted | In M1015, *grapes* at 7 mg/kg were proposed for metrafenone. The existing entry for *grapes* under methidathion was inadvertently amended as well as the metrafenone entry. The original request to add a methidathion MRL to *grapes* (0.5 mg/kg) was the APVMA, who are now proposing to remove entry in line with the deregistration of the chemical in Australia. |
| Tomato | 0.9 | None | Deleted | In M1015, *tomato* at 0.9 mg/kg was proposed for metrafenone. The existing entry for *tomato* under methidathion was inadvertently amended as well as the metrafenone entry. The original request to add a methidathion MRL to *tomato* (0.1 mg/kg) was the APVMA, who are now proposing to remove entry in line with the deregistration of the chemical in Australia. |
| **Propiconazole** |  |  |  |  |
| Plums (including prunes) | None | 2 | New | In M1017, a request was made to change MRL for Stone fruit (except plums). The amendment included the exception but no explicit MRL to retain the domestic MRL for plums was included. |
| **Prothiofos** |  |  |  |  |
| Table grapes | 2 | None | Deleted | The request for this deletion was not progressed in M1018. |

Consideration of recent Codex Alimentarius Commission MRLs

Over the past decade, FSANZ has been incorporating Codex MRLs into Schedule 20 and will continue to do so where appropriate and when requested. It must be recognised that not every Codex MRL is required to be included in Schedule 20, as equivalent or higher MRLs, including *All other foods except animal food commodities* MRLs, may exist.

For M1020, the new MRLs adopted from the 2021 Codex Committee on Pesticide Residues (CCPR) were considered for inclusion in the harmonisation proposal. Before accepting the Codex MRLs for consideration, a screening process is applied. Initially, this process aims to exclude those commodities that do not apply to Schedule 20. For example, as Schedule 20 MRLs only apply to food commodities for human consumption, FSANZ will exclude the Codex animal feed MRLs. If an *All other foods except animal food commodities* MRLs is being proposed in M1020, FSANZ will also exclude new Codex MRLs established at or around the limit of detection (i.e. as indicated by an \* in the Codex MRL Standard).

The criteria where FSANZ would progress a new Codex MRL to be considered for inclusion in the harmonisation proposal are:

* It was higher than the relevant existing Schedule 20 MRL
* It was higher than a harmonisation request to align with another trading partner MRL
* It was higher than an existing *All other foods except animal food commodities* MRL
* It was at the same limit as a temporary (‘T’) status MRL for the same commodity/group
* Support for the MRL was received from the APVMA
* The DEA is acceptable.

Where a Codex deletion would remove MRLs for a domestically approved use pattern for a registered chemical, FSANZ would not proceed with the deletion unless it was supported and agreed to by the APVMA. Similarly, if a food commodity MRL proposed to be deleted by Codex is an existing Schedule 20 MRL as a result of a prior harmonisation proposal request from a third party, and that MRL is still applicable, no action will be taken to remove the MRL from the Code.

Stakeholders may notice that with the concurrent proposed changes to Schedule 22, as part of [Proposal M1019](https://www.foodstandards.gov.au/code/proposals/Pages/M1019---Review-of-Schedule-22-%E2%80%93-Foods-and-classes-of-foods-(2021).aspx)2, commodity classifications being proposed in M1020 from third parties may reflect commodity classifications and groupings used by Codex and the APVMA. For example, if high- and low-growing blueberries MRLs were being requested, FSANZ might include these under the group Bush berries.

Not all recently adopted Codex MRLs progressed to the stage of dietary exposure estimates during the risk assessment process. Codex MRLs determined suitable for inclusion proceeded through the same DEA process as all other requests.

.

*All other foods except animal food commodities* MRLs

All agvet chemicals that required a DEA were considered for suitability for setting an *All other foods except animal food commodities* MRL using the principles established in P1027 (see [Appendix 2](#Appendix_2)). Both chronic and, where appropriate, acute dietary exposures were considered. The proposed MRLs are high enough to allow for inadvertent presence of the chemical in food from legitimate use but low enough to limit the potential for 'off-label' use of the chemical. This approach is consistent with the APVMA’s risk assessment framework for approving and registering agvet chemical products, and with the risk assessment approach for establishing MRLs in the Code.

In P1027, FSANZ indicated that chemicals would be assessed for an *All other foods except animal food commodities* MRL as part of ongoing amendments to Schedule 20 of the Code as proposed by the APVMA based on chemical registration applications, any reviews the APVMA undertakes and FSANZ’s annual MRL harmonisation process. In addition to considering agvet chemicals requested in the harmonisation proposal where an *All other foods except animal food commodities* MRL has not been established, FSANZ is progressing the consideration of all remaining chemicals listed in Schedule 20. Resources do not allow all of them to be considered at once. In consultation with the APVMA, a priority list of five actives were considered. Three agvet chemicals were assessed as suitable to be considered as part of M1020. *All other foods except animal food commodities* have been proposed for dichlobenil, diphenylalanine and oxyfluorfen.

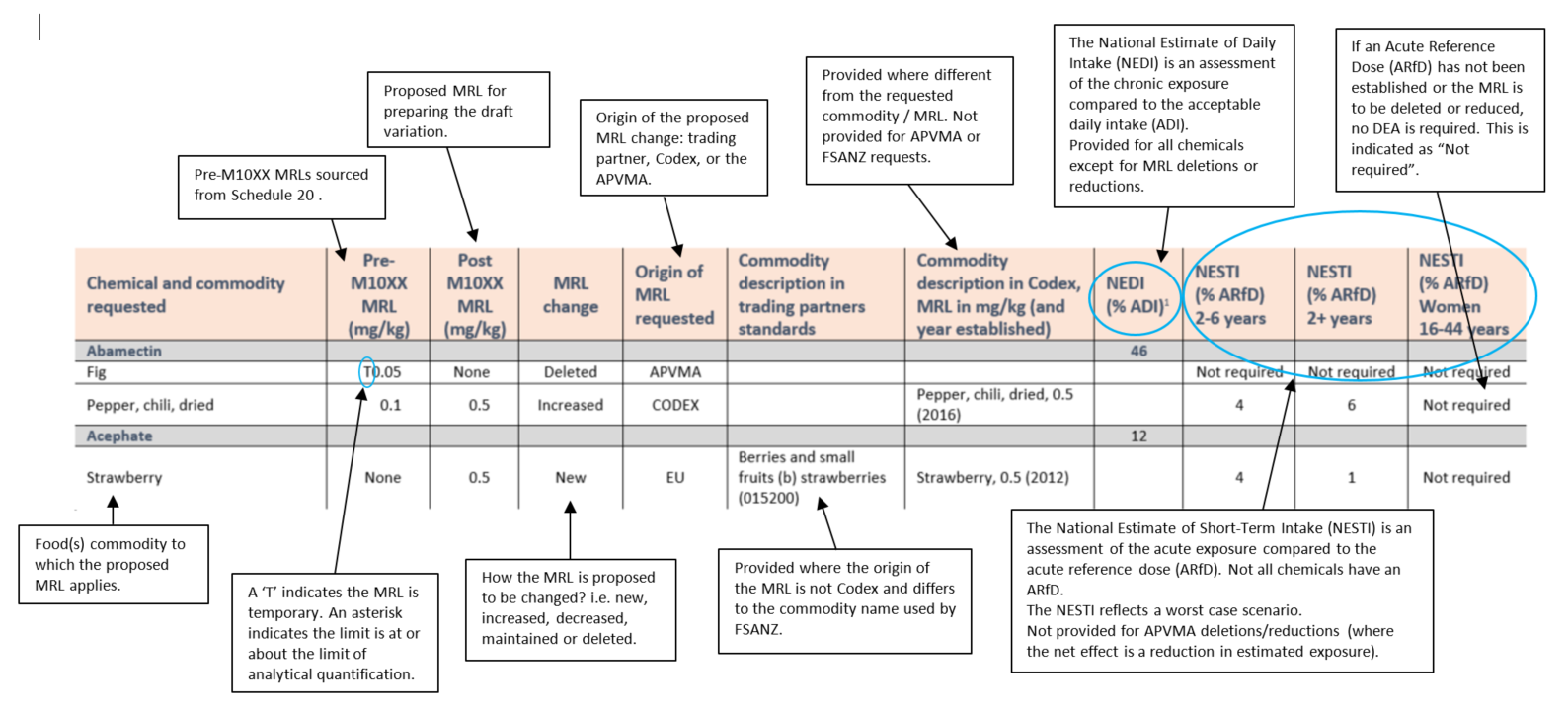
Agvet chemicals that are not considered for setting *All other foods except animal food commodities* MRLs are the following:

* Agvet chemical is not currently listed in Schedule 20
* Active constituent (agvet chemical) is not registered for use in Australia
* Active constituent is listed only in Schedule 7 of the Poisons Standard of the Therapeutic Goods Administration
* Agvet chemical is primarily used as a veterinary medicine
* Agvet chemical has an Extraneous Residue Limit listed in Schedule 21
* Agvet chemical is currently nominated by the APVMA for formal review
* Based on current MRL permissions, the most recent FSANZ/APVMA NEDI (i.e. chronic dietary exposure estimate), from residues of the agvet chemical exceeded 80% of the ADI
* The contribution from the commodities included to estimate the total chronic dietary exposure exceeds 20% of the total dietary exposure
* Acute dietary exposure estimate exceeded the ARfD, using a 'worst case' commodity consumption amount and the proposed MRL for *All other foods except animal food commodities*.

Appendix 1

Results of the DEAs for requested MRL changes

For all MRLs proposed in M1020, the dietary exposure estimates are at or below the relevant HBGVs, indicating that the residues pose negligible health and safety concerns to Australian consumers. The proposed MRL changes, origin of requests, comparisons with Codex MRLs and the dietary exposure estimates for the Australian population are listed in Table 2. Summaries of DEAs for the proposed *All other foods except animal food commodities* MRLs for all chemicals considered are set out in the Appendix 2 to this document. The Interpretive Guide (Figure 1) is only an **example** that provides relevant information to assist with interpreting Table 2.



**Figure 1: Interpretive guide to the proposed MRL changes**

Table 2: Requested and proposed MRLs for the various commodities and their dietary exposure estimates

| **Chemical and commodity requested** | **Pre- M1020 MRL (mg/kg)** | **Post M1020 MRL (mg/kg)** | **MRL change** | **Origin of MRL requested** | **Commodity description in trading partners standards** | **Commodity description in Codex, MRL in mg/kg (and year established)** | **NEDI  (% ADI)**[[3]](#footnote-4) | **NESTI**  **(% ARfD)**  **2-6 years** | **NESTI**  **(% ARfD)**  **2+ years** | **NESTI  (% ARfD) Women**  **16-44 years** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Abamectin** |  |  |  |  |  |  | **46** |  |  |  |
| Fig | T0.05 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Peppers, chili, dried | 0.1 | 0.5 | Increased | CODEX |  | Peppers chili, dried, 0.5 (2016) |  | 4 | 6 | Not required |
| **Acephate** |  |  |  |  |  |  | 12 |  |  |  |
| Peppers, chili, dried | None | 50 | New | CODEX |  | Peppers chili, dried, 50 (2006) |  | 8 | 12 | Not required |
| **Acequinocyl** |  |  |  |  |  |  | **19** |  |  |  |
| All other foods except animal food commodities | None | 0.02 | New | FSANZ |  |  |  | 3 | 1 | Not required |
| Blueberries | None | 3 | New | U.S. | Bushberry |  |  | 25 | 5 | Not required |
| **Acetamiprid** |  |  |  |  |  |  | **4** |  |  |  |
| Celery | 0.1 | 1.5 | Increased | CODEX |  | Celery, 1.5 (2012) |  | 62 | 5 | Not required |
| Cucumber | T0.2 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Date | T5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Spices, seeds | 0.1 | 2.0 | Increased | CCPR[[4]](#footnote-5) |  |  |  | 1 | <1 | Not required |
| Strawberry | 0.1 | 0.5 | Increased | EU | Berries and small fruits | Strawberry, 0.5 (2012) |  | 4 | 1 | Not required |
| **Acetochlor** |  |  |  |  |  |  | 1 |  |  |  |
| Edible offal (mammalian) | None | 0.05 | New | CCPR |  |  |  | <1 | <1 | Not required |
| Soya bean (dry) | None | 1.5 | New | CCPR |  |  |  | <1 | <1 | Not required |
| **Acifluorfen** |  |  |  |  |  |  | **NR[[5]](#footnote-6)** |  |  |  |
| Chia | T\*0.01 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| **Afidopyropen** |  |  |  |  |  |  | **2** |  |  |  |
| Apples, dried (peeled) | 0.02 | 0.02 | Maintained | CCPR |  |  |  | <1 | <1 | Not required |
| Celery | 3 | None | Deleted | FSANZ |  |  |  | Not required | Not required | Not required |
| Coriander, leaves | 0.02 | 5 | Increased | CCPR |  |  |  | <1 | <1 | Not required |
| Dill, leaves | 0.02 | 5 | Increased | CCPR |  |  |  | 1 | <1 | Not required |
| Edible offal (mammalian) | \*0.1 | 0.2 | Increased | CCPR |  |  |  | <1 | <1 | Not required |
| Mammalian fats [except milk fats] | 0.02 | \*0.01 | Decreased | CCPR |  |  |  | <1 | <1 | Not required |
| Orange oil, edible | 0.02 | 0.7 | Increased | CCPR |  |  |  | <1 | <1 | Not required |
| Peppers, chili, dried | 0.02 | 1.0 | Increased | CCPR |  |  |  | <1 | <1 | Not required |
| Pome fruits [except persimmon, Japanese] | 0.02 | 0.03 | Increased | CCPR |  |  |  | 1 | <1 | Not required |
| Poultry fats | 0.02 | \*0.01 | Decreased | CCPR |  |  |  | <1 | <1 | Not required |
| Rhubarb | 0.1 | None | Deleted | FSANZ |  |  |  | Not required | Not required | Not required |
| Stalk and stem vegetables - Stems and petioles | 0.02 | 3 | Maintained | CCPR |  |  |  | 13 | 5 | Not required |
| Tomato, dried | 0.02 | 0.7 | Increased | CCPR |  |  |  | <1 | <1 | Not required |
| **Ametryn** |  |  |  |  |  |  | **4** |  |  |  |
| All other foods except animal food commodities | None | 0.05 | New | FSANZ |  |  |  | Not required | Not required | Not required |
| Cotton seed | 0.05 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Pome fruits | 0.1 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| **Amitrole** |  |  |  |  |  |  | **NR2** |  |  |  |
| Pineapple | \*0.01 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Sugar cane | \*0.01 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| **Azinphos-methyl** |  |  |  |  |  |  | **NR2** |  |  |  |
| Blueberries | 5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Edible offal (mammalian) | \*0.05 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Grapes | 2 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Litchi | 2 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Macadamia nuts | \*0.01 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Meat (mammalian) | \*0.05 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Milk | \*0.05 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Pome fruits | 1 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Strawberry | 1 | \*0.01 | Decreased | FSANZ |  |  |  | Not required | Not required | Not required |
| Stone fruits | 2 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| **Azoxystrobin** |  |  |  |  |  |  | **39** |  |  |  |
| Banana | T0.5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Celery | 0.3 | 5 | Increased | CODEX |  | Celery, 5 (2009) |  | Not required | Not required | Not required |
| Currants, black, red, white | 0.1 | 5 | Increased | EU |  |  |  | Not required | Not required | Not required |
| Galangal, Greater | T0.1 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Guava | 0.1 | 0.2 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Turmeric, root | T0.1 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| **Bentazone** |  |  |  |  |  |  | **2** |  |  |  |
| Herbs | 0.1 | 0.1 | Maintained | CODEX |  | Herbs, 0.1 (2014) |  | Not required | Not required | Not required |
| Potato | 0.1 | 0.15 | Increased | EU | Root and tuber vegetables |  |  | Not required | Not required | Not required |
| Rice | \*0.03 | 0.05 | Increased | India | Cereal grains |  |  | Not required | Not required | Not required |
| **Benzovindiflupyr** |  |  |  |  |  |  | **5** |  |  |  |
| Blueberries | 0.02 | 2 | Increased | U.S. | Blueberry, lowbush |  |  | 13 | 3 | Not required |
| Coffee beans | 0.02 | 0.15 | Increased | CODEX |  | Coffee beans, 0.15 (2017) |  | <1 | <1 | Not required |
| Ginseng | 0.02 | 0.3 | Increased | U.S. | vegetable, root and tuber |  |  | 5 | 3 | Not required |
| Peppers, chili, dried | 0.02 | 9 | Increased | CODEX |  |  |  | 1 | 2 | Not required |
| Sugar beet | 0.02 | 0.08 | Increased | U.S. |  |  |  | 2 | 1 | Not required |
| Sugar cane | 0.3 | 0.4 | Increased | CCPR |  |  |  | 3 | 2 | Not required |
| **Bifenazate** |  |  |  |  |  |  | **34** |  |  |  |
| Peppers, chili | 1 | 3 | Increased | CODEX |  | Peppers chili, 3 (2007) |  | Not required | Not required | Not required |
| **Boscalid** |  |  |  |  |  |  | **73** |  |  |  |
| Barley, grain | 0.5 | 4 | Increased | EU |  |  |  | Not required | Not required | Not required |
| Cassava | 1 | 2 | Increased | CODEX |  | Root and tuber vegetables, 2 (2010) |  | Not required | Not required | Not required |
| Cherries | 4 | 5 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Mango | 1.5 | 2 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Peaches (including Nectarine and Apricots) | 3.5 | 4 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Plums (including fresh prunes) | 3.5 | 3.5 | Maintained | CCPR |  |  |  | Not required | Not required | Not required |
| Potato | 1 | 2 | Increased | CODEX |  | Root and tuber vegetables, 2 (2010) |  | Not required | Not required | Not required |
| Prunes, dried | 0.5 | 5 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Stone fruit [except cherries] | 3.5 | None | Deleted | CCPR |  |  |  | Not required | Not required | Not required |
| Tea, green, black | 0.5 | 40 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| **Bupirimate** |  |  |  |  |  |  | **7** |  |  |  |
| Strawberry | 1 | 2 | Increased | EU |  |  |  | Not required | Not required | Not required |
| **Buprofezin** |  |  |  |  |  |  | **90** |  |  |  |
| Citrus oil, edible | 0.1 | 6 | Increased | CODEX |  |  |  | 1 | <1 | Not required |
| Eggs | 0.1 | \*0.01 | Decreased | CODEX |  |  |  | <1 | <1 | Not required |
| Olive oil, virgin | 0.1 | 20 | Increased | CODEX |  |  |  | 3 | 1 | Not required |
| Peppers, chili | T2 | 10 | Increased | CODEX |  | Peppers chili, 10 (2010) |  | 1 | 1 | Not required |
| Poultry, edible offal of | 0.1 | \*0.01 | Decreased | CODEX |  |  |  | <1 | <1 | Not required |
| Poultry fats | 0.1 | \*0.01 | Decreased | CODEX |  |  |  | <1 | <1 | Not required |
| Poultry meat | 0.1 | \*0.01 | Decreased | CODEX |  |  |  | <1 | <1 | Not required |
| **Carbaryl** |  |  |  |  |  |  | **69** |  |  |  |
| Peppers, chili, dried | 0.02 | 2 | Increased | CODEX |  |  |  | 3 | 5 | Not required |
| **Carbendazim** |  |  |  |  |  |  | **14** |  |  |  |
| Blackberry | None | \*0.1 | New | EU |  |  |  | 1 | <1 | <1 |
| Spices, seeds | \*0.1 | 5 | Increased | CODEX |  |  |  | 7 | 5 | 3 |
| **Carbofuran** |  |  |  |  |  |  | **NR2** |  |  |  |
| Barley | 0.2 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Edible offal (mammalian) | \*0.05 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Eggs | \*0.05 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Meat (mammalian) | \*0.05 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Milks | \*0.05 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Poultry, edible offal of | \*0.05 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Poultry meat | \*0.05 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Rice | 0.2 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Sugar cane | \*0.1 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Wheat | 0.2 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| **Chlorantraniliprole** |  |  |  |  |  |  | **1** |  |  |  |
| Celery | 5 | 7 | Increased | CODEX |  | Celery, 7 (2009) |  | Not required | Not required | Not required |
| Dry beans [except mung bean (dry); soya bean (dry)] | 0.07 | 0.3 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Dry peas | 0.07 | 0.3 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Dry underground pulses | 0.07 | 0.07 | Maintained | FSANZ |  |  |  |  |  |  |
| Palm fruit (African oil palm) | T0.1 | 0.8 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Palm kernel oil, crude | T0.1 | 2 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Rice | T0.3 | 0.4 | Increased | CODEX |  | Rice, 0.4 (2014) |  | Not required | Not required | Not required |
| Soya bean (dry) | 0.07 | 0.07 | Maintained | CCPR |  |  |  | Not required | Not required | Not required |
| **Chlorothalonil** |  |  |  |  |  |  | **50** |  |  |  |
| Celery | 10 | 20 | Increased | CODEX |  | Celery, 20 (2011) |  | 70 | 18 | Not required |
| Peppers, chili, dried | T7 | 70 | Increased | CODEX |  | Peppers chili, dried, 70 (2016) |  | 2 | 3 | Not required |
| **Chlorpyrifos** |  |  |  |  |  |  | **41** |  |  |  |
| Rice | T0.1 | 0.5 | Increased | CODEX |  | Rice, 0.5 (2005) |  | 3 | 1 | Not required |
| **Clofentezine** |  |  |  |  |  |  | **16** |  |  |  |
| Hops, dry | \*0.2 | 7 | Increased | U.S. | Hop, dried cones, cone pellets, extract |  |  | Not required | Not required | Not required |
| **Clothianidin** |  |  |  |  |  |  | **12** |  |  |  |
| Rice | \*0.02 | 0.5 | Increased | CODEX | Rice flour | Rice, 0.5 (2012) |  | 3 | 1 | Not required |
| **Cyantraniliprole** |  |  |  |  |  |  | **73** |  |  |  |
| Celery | T7 | 15 | Increased | CODEX |  | Celery, 15 (2014) |  | Not required | Not required | Not required |
| Peppers, chili, dried | 2 | 5 | Increased | CODEX |  | Peppers chili, dried, 5 (2014) |  | Not required | Not required | Not required |
| **Cyazofamid** |  |  |  |  |  |  | **<1** |  |  |  |
| Peppers, chili | 0.04 | 0.8 | Increased | CODEX |  | Peppers chili, 0.8 (2016) |  | Not required | Not required | Not required |
|  |  |  |  |  |  |  |  |  |  |  |
| **Cyclaniliprole** |  |  |  |  |  |  | **26** |  |  |  |
| All other foods except animal food commodities | None | 0.02 | New | FSANZ |  |  |  | Not required | Not required | Not required |
| Brassica leafy vegetables | None | 10 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Bush berries | None | 1.5 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Cane berries | None | 0.8 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Citrus fruits | None | 0.4 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Citrus oil, edible | None | 50 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Edible offal (mammalian) | \*0.01 | 0.2 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Elderberries | None | 1.5 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Fruiting vegetables, Cucurbits - Cucumbers and Summer squashes | None | 0.05 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Fruiting vegetables, Cucurbits - Melons, Pumpkins and Winter squashes | None | 0.1 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Guelder rose | None | 1.5 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Leafy greens | None | 7 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Low growing berries | None | 0.4 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Mammalian fats [except Milk fats] | None | 0.25 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Meat (mammalian) (in the fat) | \*0.01 | 0.25 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Milk fats | None | 0.2 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Peppers, chili, dried | None | 1.5 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Poultry fats | None | \*0.01 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Tea, green, black | None | 50 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Tomato, dried | None | 0.35 | New | CCPR |  |  |  | Not required | Not required | Not required |
| **Cycloxydim** |  |  |  |  |  |  | **53** |  |  |  |
| Peppers, chili, dried | None | 90 | New | CODEX |  | Peppers chili, dried, 90 (2013) |  | Not required | Not required | 1 |
| **Cyfluthrin (beta-cyfluthrin)** |  |  |  |  |  |  | **9** |  |  |  |
| Brassica (cole or cabbage) vegetables, head cabbages, flowerhead brassicas | 0.5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Carambola | T0.1 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Cereal grains | 2 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Cotton seed | 0.01 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Cotton seed oil, crude | 0.02 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Eggplant | T0.2 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Legume vegetables | 0.5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Okra | T0.2 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Pecan | T0.05 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Peppers, chili, dried | 0.05 | 1 | Increased | CODEX |  | Peppers chili, dried, 1 (2008) |  | <1 | <1 | Not required |
| Peppers, sweet | T0.2 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Pulses | 0.5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Rape seed (canola) | \*0.05 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Tomato | 0.2 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Wheat bran, processed | 5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| **Cyhalothrin** |  |  |  |  |  |  | **7** |  |  |  |
| Rice | \*0.01 | 1 | Increased | CODEX |  |  |  | 36 | 20 | Not required |
| **Cyhexatin** |  |  |  |  |  |  | **<1** |  |  |  |
| Peppers, chili, dried | None | 5 | New | Codex |  | Peppers chili, dried 5 (2006) |  | Not required | Not required | 7 |
| **Cypermethrin** |  |  |  |  |  |  | **23** |  |  |  |
| Ginseng | \*0.01 | \*0.03 | Increased | CODEX |  |  |  | 1 | <1 | Not required |
| Ginseng, dried | \*0.01 | 0.15 | Increased | CODEX |  |  |  | <1 | <1 | Not required |
| Ginseng, extract | \*0.01 | \*0.06 | Increased | CODEX |  |  |  | <1 | <1 | Not required |
| Rice | 1 | 2 | Increased | CODEX |  | Rice, 2 (2009) |  | 56 | 20 | Not required |
| **Cyprodinil** |  |  |  |  |  |  | **45** |  |  |  |
| Basil | 0.05 | 40 | Increased | CODEX |  | Herbs, 40 (2014) |  | Not required | Not required | Not required |
| Celery | 0.05 | 30 | Increased | CODEX |  | Celery, 30 (2018) |  | Not required | Not required | Not required |
| Peppers, chili, dried | 0.05 | 9 | Increased | CODEX |  | Peppers chili, dried, 9 (2014) |  | Not required | Not required | Not required |
| Soya bean (dry) | 0.05 | 0.3 | Increased | CODEX |  |  |  | Not required | Not required | Not required |
| **Cyromazine** |  |  |  |  |  |  | **4** |  |  |  |
| Peppers, chili, dried | T1 | 10 | Increased | CODEX |  | Peppers chili, dried, 10 (2006) |  | 2 | 2 | Not required |
| **Dichlobenil** |  |  |  |  |  |  | **10** |  |  |  |
| All other foods except animal food commodities | None | 0.05 | New | FSANZ |  |  |  | Not required | Not required | <1 |
| Celery | None | 0.07 | New | CODEX |  | Celery, 0.07 (2015) |  | Not required | Not required | <1 |
| Peppers, chili, dried | None | \*0.01 | New | CODEX |  | Peppers chili, dried, \*0.01 (2015) |  | Not required | Not required | <1 |
| **Dichlorvos** |  |  |  |  |  |  | **41** |  |  |  |
| All other foods except animal food commodities | None | 0.01 | New | FSANZ |  |  |  | 1 | <1 | Not required |
| Rice | \*0.01 | 7 | Increased | CODEX |  | Rice, 7 (2013) |  | 19 | 5 | Not required |
|  |  |  |  |  |  |  |  |  |  |  |
| **Difenoconazole** |  |  |  |  |  |  | **66** |  |  |  |
| Blueberries | 0.02 | 4 | Increased | CODEX | Blueberries, low bush and high bush |  |  | 9 | 2 | Not required |
| Rice | \*0.01 | 8 | Increased | CODEX | Rice flour |  |  | 30 | 11 | Not required |
| **Diflubenzuron** |  |  |  |  |  |  | **29** |  |  |  |
| Peppers, chili, dried | None | 20 | New | CODEX |  | Peppers chili, dried, 20 (2013) |  | Not required | Not required | Not required |
| Rice | None | \*0.01 | New | CODEX | Rice flour | Rice, \*0.01 (2004) |  | Not required | Not required | Not required |
| **Dimethoate** |  |  |  |  |  |  | **78** |  |  |  |
| Artichoke, globe | T1 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Banana passionfruit | 5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Beetroot | T\*0.1 | \*0.1 | Maintained | APVMA |  |  |  | Not required | Not required | Not required |
| Broccoli | T0.3 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Cabbages, head | T0.2 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Carrot | T0.3 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Cauliflower | T0.3 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Celery | T0.5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Cereal grains | T0.05 | 0.5 | Increased | APVMA |  |  |  | 28 | 10 | Not required |
| Cotton seed | 0.2 | \*0.1 | Decreased | APVMA |  |  |  | Not required | Not required | Not required |
| Grapes | T\*0.1 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Legume vegetables | T2 | 2 | Maintained | APVMA |  |  |  | Not required | Not required | Not required |
| Melons [except Watermelon] | T5 | 5 | Maintained | APVMA |  |  |  | Not required | Not required | Not required |
| Parsnip | T0.3 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Peanut | T\*0.05 | 0.02 | Decreased | APVMA |  |  |  | Not required | Not required | Not required |
| Peppers. chili | T5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Pineapple | 5 | 0.07 | Decreased | APVMA |  |  |  | Not required | Not required | Not required |
| Pulses | T0.5 | 0.7 | Increased | APVMA |  |  |  | 16 | 7 | Not required |
| Radish | T3 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Stone fruit [except cherries] | T\*0.02 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Strawberry | 0.02 | \*0.02 | Maintained | APVMA |  |  |  | Not required | Not required | Not required |
| Sweet corn (corn-on-the-cob) | T0.3 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Watermelon | T5 | 5 | Maintained | APVMA |  |  |  | Not required | Not required | Not required |
| Wheat bran, processed | T1 | 1 | Maintained | APVMA |  |  |  | Not required | Not required | Not required |
| **Dimethomorph** |  |  |  |  |  |  | **33** |  |  |  |
| Celery | 0.2 | 15 | Increased | CODEX |  | Celery, 15 (2015) |  | Not required | Not required | Not required |
| Peppers, chili, dried | 1.5 | 5 | Increased | CODEX |  | Peppers chili, dried, 5 (2008) |  | Not required | Not required | Not required |
| **Dinocap** |  |  |  |  |  |  | **<1** |  |  |  |
| Peppers, chili, dried | None | 2 | New | Codex |  | Peppers chili, dried, 2 (2006) |  | 1 | 2 | 7 |
| **Dinotefuran** |  |  |  |  |  |  | **3** |  |  |  |
| Celery | 0.02 | 0.6 | Increased | CODEX |  | Celery, 0.6 (2013) |  | 2 | <1 | Not required |
| Peppers, chili, dried | 0.02 | 5 | Increased | CODEX |  | Peppers chili, dried, 5 (2013) |  | <1 | <1 | Not required |
| Rice | 0.02 | 8 | Increased | CODEX | Rice flour | Rice, 8 (2013) |  | 7 | 3 | Not required |
| **Diphenylamine** |  |  |  |  |  |  | **23** |  |  |  |
| All other foods except animal food commodities | None | 0.05 | New | FSANZ |  |  |  | Not required | Not required | Not required |
| **Diquat** |  |  |  |  |  |  | **NR2** |  |  |  |
| Anise myrtle leaves | T0.5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Lemon myrtle leaves | T0.5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Native pepper (*Tasmannia lanceolata*) leaves | T0.5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Tea, green, black | T0.5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| **Diuron** |  |  |  |  |  |  | **36** |  |  |  |
| Blueberries | 0.05 | 0.1 | Increased | U.S. & EU | Blueberries, low bush and high bush |  |  | Not required | Not required | Not required |
| **Emamectin (Emamectin benzoate)** |  |  |  |  |  |  | **21** |  |  |  |
| Peppers, chili, dried | 0.1 | 0.2 | Increased | CODEX |  | Peppers chili, dried, 0.2 (2012) |  | <1 | <1 | Not required |
| **EPTC** |  |  |  |  |  |  | **2** |  |  |  |
| All other foods except animal food commodities | None | 0.04 | New | FSANZ |  |  |  | Not required | Not required | Not required |
| Potato | \*0.04 | 0.1 | Increased | U.S. | Vegetable, root |  |  | Not required | Not required | Not required |
| **Ethiprole** |  |  |  |  |  |  | **20** |  |  |  |
| Rice | None | 3 | New | CODEX |  | Rice, 3 (2019) |  | 64 | 35 | Not required |
| **Ethofumesate** |  |  |  |  |  |  | **<1** |  |  |  |
| Strawberry | None | \*0.03 | New | EU |  |  |  | Not required | Not required | Not required |
| **Ethoprophos** |  |  |  |  |  |  | **<1** |  |  |  |
| Peppers, chili, dried | None | 0.2 | New | CODEX |  | Peppers chili, dried, 0.2 (2006) |  | <1 | <1 | Not required |
| **Etofenprox** |  |  |  |  |  |  | **6** |  |  |  |
| All other foods except animal food commodities | None | 0.05 | New | FSANZ |  |  |  | Not required | Not required | <1 |
| Rice | None | \*0.01 | New | CODEX |  | Rice, \*0.01 (2012) |  | Not required | Not required | <1 |
| **Fenamidone** |  |  |  |  |  |  | **7** |  |  |  |
| Celery | None | 40 | New | CODEX |  | Celery, 40 (2015) |  | Not required | Not required | Not required |
| Peppers, chili, dried | None | 30 | New | CODEX |  | Peppers chili, dried, 30 (2015) |  | Not required | Not required | Not required |
| **Fenarimol** |  |  |  |  |  |  | **NR2** |  |  |  |
| Cherries | 1 | None | Deleted | CCPR |  |  |  | Not required | Not required | Not required |
| Hops, dry | 5 | None | Deleted | CCPR |  |  |  | Not required | Not required | Not required |
| **Fenazaquin** |  |  |  |  |  |  | **5** |  |  |  |
| Edible offal (mammalian) | None | \*0.02 | New | CCPR |  |  |  | <1 | <1 | Not required |
| Meat (mammalian) | None | \*0.02 | New | CCPR |  |  |  | <1 | <1 | Not required |
| Meat (mammalian) (in the fat) | None | \*0.02 | New | CCPR |  |  |  | <1 | <1 | Not required |
| Milks | None | \*0.02 | New | CCPR |  |  |  | 2 | <1 | Not required |
| Milks (in the fat) | None | \*0.02 | New | CCPR |  |  |  | 2 | 1 | Not required |
| Tree nuts | None | 0.02 | New | CCPR |  |  |  | <1 | <1 | Not required |
| **Fenbuconazole** |  |  |  |  |  |  | **9** |  |  |  |
| Peppers, chili, dried | 0.02 | 2 | Increased | CODEX |  | Peppers chili, dried, 2 (2013) |  | Not required | Not required | Not required |
| **Fenhexamid** |  |  |  |  |  |  | **16** |  |  |  |
| Currant, black, red, white | 0.1 | 20 | Increased | EU |  |  |  | Not required | Not required | Not required |
| **Fenpropathrin** |  |  |  |  |  |  | **37** |  |  |  |
| Cranberry | None | 2 | New | EU | Berry, low growing |  |  | 35 | 19 | Not required |
| Peppers, chili, dried | None | 10 | New | CODEX |  | Peppers chili, dried, 10 (2015) |  | 5 | 8 | Not required |
| **Fenpyrazamine** |  |  |  |  |  |  | **2** |  |  |  |
| Strawberry | 0.02 | 3 | Increased | EU |  |  |  | 3 | 1 | Not required |
| **Fenpyroximate** |  |  |  |  |  |  | **43** |  |  |  |
| Raspberries, red, black | 0.1 | 3 | Increased | U.S. | Caneberry subgroup |  |  | 82 | 8 | Not required |
| **Fenvalerate (esfenvalerate)** |  |  |  |  |  |  | **32** |  |  |  |
| Cherries | 0.05 | 3 | Increased | U.S. | Fruit, Stone group |  |  | 33 | 16 | Not required |
| **Fipronil** |  |  |  |  |  |  | **91** |  |  |  |
| Rice | \*0.005 | 0.01 | Increased | CODEX |  |  |  | <1 | <1 | Not required |
| **Flonicamid** |  |  |  |  |  |  | **17** |  |  |  |
| Celery | 0.2 | 1.5 | New | CODEX |  | Celery, 1.5 (2016) |  | Not required | Not required | Not required |
| Lemons and Limes | 0.2 | 1.5 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Oranges, Sweet , Sour | 0.2 | 0.4 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Pummelo | 0.2 | 0.3 | New | CCPR |  |  |  | Not required | Not required | Not required |
| **Fluazifop-p-butyl** |  |  |  |  |  |  | **67** |  |  |  |
| Bush berries | 0.2 | 0.3 | Increased | CCPR |  |  |  | <1 (1% for Berries and small fruit) | <1 (2% for Berries and small fruit) | Not required |
| Elderberries | 0.2 | 0.3 | Increased | CCPR |  |  |  | <1 | <1 | Not required |
| Guelder rose | 0.2 | 0.3 | Increased | CCPR |  |  |  | <1 | <1 | Not required |
| Strawberry | 0.2 | 3 | Increased | CCPR |  |  |  | 5 | 2 | Not required |
|  |  |  |  |  |  |  |  |  |  |  |
| **Fludioxonil** |  |  |  |  |  |  | **56** |  |  |  |
| Peppers, chili, dried | 0.02 | 4 | Increased | CODEX |  | Peppers chili, dried, 4 (2014) |  | Not required | Not required | Not required |
| **Fluensulfone** |  |  |  |  |  |  | **3** |  |  |  |
| Barley, similar grains, and pseudocereals with husks | 0.05 | 0.08 | Increased | CCPR |  |  |  | <1 | <1 | Not required |
| Celery | 1 | 2 | Increased | CODEX |  | Celery, 2 (2017) |  | 56 | 7 | Not required |
| Citrus oil, edible | 1 | 1.5 | Increased | CCPR |  |  |  | <1 | <1 | Not required |
| Dried grapes (=currants, raisins, sultanas) | 1 | 2 | Increased | CCPR |  |  |  | 1 | <1 | Not required |
| Maize Cereals | 0.05 | 0.15 | Increased | CCPR |  |  |  | <1 | <1 | Not required |
| Peppers, chili, dried | 1 | 7 | Increased | CODEX |  | Peppers chili, dried, 7 (2017) |  | <1 | 1 | Not required |
| Sugar cane | \*0.03 | 0.06 | Increased | CCPR |  |  |  | <1 | <1 | Not required |
| Wheat, similar grains, and pseudocereals without husks | 0.05 | 0.08 | Increased | CCPR |  |  |  | <1 | <1 | Not required |
| **Fluopicolide** |  |  |  |  |  |  | **18** |  |  |  |
| Celery | 0.01 | 20 | Increased | CODEX |  | Celery, 20 (2011) |  | Not required | Not required | 61 |
| Peppers, chili, dried | 0.01 | 7 | Increased | CODEX |  | Peppers chili, dried, 7 (2010) |  | Not required | Not required | <1 |
| **Fluopyram** |  |  |  |  |  |  | **79** |  |  |  |
| Peppers, chili, dried | 0.2 | 30 | Increased | CODEX |  | Peppers chili, dried, 30 (2018) |  | <1 | 1 | Not required |
| Rice | 0.03 | 4 | Increased | CODEX |  | Rice, 4 (2018) |  | 6 | 3 | Not required |
| **Flupyradifurone** |  |  |  |  |  |  | **47** |  |  |  |
| Cacao beans | 0.02 | \*0.01 | Decreased | CCPR |  |  |  | <1 | <1 | Not required |
| Cane berries | 0.02 | 6 | Increased | CCPR |  |  |  | 9 | 35 | Not required |
| Coffee beans | 0.02 | 0.9 | Increased | CCPR |  |  |  | <1 | <1 | Not required |
| Peppers, chili, dried | 1.5 | 9 | Increased | CODEX |  | Peppers chili, dried, 9 (2017) |  | <1 | <1 | Not required |
| **Flutolanil** |  |  |  |  |  |  | **6** |  |  |  |
| Potato | 0.05 | 0.2 | Increased | U.S. |  |  |  | Not required | Not required | Not required |
| **Flutriafol** |  |  |  |  |  |  | **66** |  |  |  |
| Celery | 0.5 | 3 | Increased | CODEX |  | Celery, 3 (2016) |  | 83 | 32 | Not required |
| Peppers, chili, dried | 0.5 | 10 | Increased | CODEX |  | Peppers chili, dried, 1- (2012) |  | 3 | 32 | Not required |
| Strawberry | 0.5 | 1.5 | Increased | EU | Berries and small fruits |  |  | 21 | 6 | Not required |
| **Fluxapyroxad** |  |  |  |  |  |  | **78** |  |  |  |
| Celery | 0.1 | 10 | Increased | CODEX |  |  |  | Not required | Not required | Not required |
| Chick-pea (dry) | T\*0.01 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Citrus oil, edible | 0.1 | 90 | Increased | CODEX |  |  |  | Not required | Not required | Not required |
| Lemons and Limes | 0.2 | 1 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Lentil (dry) | T\*0.01 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Mandarins | 0.2 | 1 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Oranges, Sweet , Sour | 0.2 | 1.5 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Pummelos | 0.2 | 0.6 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| **Forchlorfenuron** |  |  |  |  |  |  | **NR2** |  |  |  |
| Blueberries | T\*0.01 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Kiwifruit | T\*0.01 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Mango | T\*0.01 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Plums (including prunes) | T\*0.01 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Prunes | T\*0.01 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| **Fosetyl-aluminium** |  |  |  |  |  |  | **3** |  |  |  |
| Blackberries | None | 70 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Coffee beans | None | 30 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Eggs | None | \*0.05 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Flowerhead brassicas | None | \*0.2 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Head brassicas | None | \*0.2 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Kale | None | \*0.2 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Kiwifruit | None | 150 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Mammalian fats (except milk fats) | None | 0.3 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Pineapple | None | 15 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Poultry, edible offal of | None | \*0.05 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Poultry fats | None | \*0.05 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Poultry meat | None | \*0.05 | New | CCPR |  |  |  | Not required | Not required | Not required |
| **Glufosinate[[6]](#footnote-7)** |  |  |  |  |  |  | **42** |  |  |  |
| Strawberry | 0.1 | 0.3 | Increased | EU | Berries and small fruits |  |  | Not required | Not required | Not required |
| **Glufosinate-ammonium3** |  |  |  |  |  |  | **15** |  |  |  |
| Peaches (including Nectarines and Apricots) | \*0.05 | 0.3 | Increased | U.S. | Fruit, stone group |  |  | Not required | Not required | Not required |
| Plums (including fresh prunes) | \*0.05 | 0.3 | Increased | U.S. | Fruit, stone group |  |  | Not required | Not required | Not required |
| Rice | \*0.1 | 0.9 | Increased | CODEX |  | Rice, 0.9 (2013) |  | Not required | Not required | Not required |
| **Glyphosate** |  |  |  |  |  |  | **10** |  |  |  |
| Almonds | 0.2 | 1 | Increased | U.S. | Nut, tree |  |  | Not required | Not required | Not required |
| Dry beans | 5 | 15 | Increased | CODEX |  |  |  | Not required | Not required | Not required |
| Dry peas | 5 | 10 | Increased | CODEX |  |  |  | Not required | Not required | Not required |
| Potato | \*0.1 | 0.2 | Increased | U.S. | Vegetable, root and tuber |  |  | Not required | Not required | Not required |
| Raspberries, red, black | \*0.05 | 0.2 | Increased | U.S. | Berry group |  |  | Not required | Not required | Not required |
| **Hexazinone** |  |  |  |  |  |  | **NR2** |  |  |  |
| Pineapple | 1 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| **Imazapic** |  |  |  |  |  |  | **<1** |  |  |  |
| Soya bean (dry) | 0.3 | 0.5 | Increased | CODEX |  |  |  | Not required | Not required | Not required |
| **Imazapyr** |  |  |  |  |  |  | **<1** |  |  |  |
| Soya bean (dry) | 3 | 5 | Increased | CODEX |  |  |  | Not required | Not required | Not required |
| **Imidacloprid** |  |  |  |  |  |  | **20** |  |  |  |
| Carrot | T0.5 | T0.05 | Decreased | APVMA |  |  |  | <1 | <1 | Not required |
| Celery | 0.3 | 6 | Increased | CODEX |  | Celery, 6 (2013) |  | 62 | 8 | Not required |
| Lemon verbena (fresh weight) | T5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Potato | 0.3 | 0.4 | Increased | U.S. | Vegetable, root and tuber, except sugar beet |  |  | 3 | 1 | Not required |
| **Iprodione** |  |  |  |  |  |  | **62** |  |  |  |
| Blackberries | 12 | 25 | Increased | U.S. | Caneberry |  |  | Not required | Not required | Not required |
| **Isofetamid** |  |  |  |  |  |  | **15** |  |  |  |
| All other foods except animal food commodities | None | 0.02 | New | FSANZ |  |  |  | <1 | <1 | Not required |
| Dry beans [except soya beans] | None | 0.09 | New | CCPR |  |  |  | 2 | 4 | Not required |
| Dry peas | None | 0.09 | New | CCPR |  |  |  | <1 | <1 | Not required |
| **Kresoxim-Methyl** |  |  |  |  |  |  | **NR2** |  |  |  |
| Pome fruits [except Pears; persimmon, Japanese] | 0.2 | 0.2 | Maintained | CCPR |  |  |  | Not required | Not required | Not required |
| **Mancozeb (Dithiocarbamates)** |  |  |  |  |  |  | **99** |  |  |  |
| Coriander, seed | None | 0.1 | New | CODEX |  |  |  | Not required | Not required | Not required |
| Pepper, black, white | None | 0.1 | New | CODEX |  |  |  | Not required | Not required | Not required |
| **Mandestrobin** |  |  |  |  |  |  | **4** |  |  |  |
| Dried grapes (raisins) | 7 | 10 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Dried grapes (currants; sultanas) | 0.05 | 10 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Eggs | 0.05 | \*0.01 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Mammalian fats [except milk fats] | 0.05 | \*0.01 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Poultry, edible offal of | 0.05 | \*0.01 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Poultry fats | 0.05 | \*0.01 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Poultry meat | 0.05 | \*0.01 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| **Maneb (Dithiocarbamates)** |  |  |  |  |  |  | **96** |  |  |  |
| Coriander, seed | None | 0.1 | New | CODEX |  |  |  | Not required | Not required | Not required |
| Pepper, black, white | None | 0.1 | New | CODEX |  |  |  | Not required | Not required | Not required |
| **Mandipropamid** |  |  |  |  |  |  | **29** |  |  |  |
| Celery | 0.5 | 20 | Increased | CODEX |  | Celery, 20 (2009) |  | Not required | Not required | Not required |
| Peppers, chili, dried | 0.5 | 10 | Increased | CODEX |  | Peppers chili, dried, 10 (2009) |  | Not required | Not required | Not required |
| **Mefentrifluconazole** |  |  |  |  |  |  | **46** |  |  |  |
| Baby leaves | 0.02 | 30 | Increased | U.S. |  |  |  | Not required | Not required | Not required |
| Barley, similar grains, and pseudocereals with husks | T0.2 | 4 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Brassica leafy vegetables | 0.02 | 30 | Increased | U.S. |  |  |  | Not required | Not required | Not required |
| Bulb onions | 0.02 | 0.2 | Increased | U.S. |  |  |  | Not required | Not required | Not required |
| Bush berries | 0.02 | 5 | Increased | U.S. |  |  |  | Not required | Not required | Not required |
| Cane berries | 0.02 | 3 | Increased | U.S. |  |  |  | Not required | Not required | Not required |
| Cottonseed | 0.02 | 0.2 | Increased | U.S. |  |  |  | Not required | Not required | Not required |
| Fruiting vegetables, cucurbits [except melons] | 0.02 | 0.2 | Increased | U.S. |  |  |  | Not required | Not required | Not required |
| Fruiting vegetables, other than cucurbits | 0.02 | 0.9 | Increased | U.S. |  |  |  | Not required | Not required | Not required |
| Green onions | 0.02 | 4 | Increased | U.S. |  |  |  | Not required | Not required | Not required |
| Leafy greens [except Lettuce, head] | 0.02 | 30 | Increased | U.S. |  |  |  | Not required | Not required | Not required |
| Leaves of root and tuber vegetables | 0.02 | 20 | Increased | U.S. |  |  |  | Not required | Not required | Not required |
| Lettuce, head | 0.02 | 5 | Increased | U.S. |  |  |  | Not required | Not required | Not required |
| Low growing berries | 0.02 | 2 | Increased | U.S. | Berry, low growing |  |  | Not required | Not required | Not required |
| Maize Cereals | 0.01 | 0.04 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Melons (including Watermelon) | 0.02 | 0.5 | Increased | U.S. |  |  |  | Not required | Not required | Not required |
| Root vegetables [except Sugar beet] | 0.02 | 0.7 | Increased | U.S. |  |  |  | Not required | Not required | Not required |
| Sunflower seeds | 0.02 | 0.15 | Increased | U.S. |  |  |  | Not required | Not required | Not required |
| Sugar cane | 0.02 | 1.5 | Increased | U.S. |  |  |  | Not required | Not required | Not required |
| Wheat, similar grains, and pseudocereals, without husks | 0.3 | 4 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| **Mepanipyrim** |  |  |  |  |  |  | **3** |  |  |  |
| Strawberry | 2 | 3 | Increased | EU |  |  |  | 21 | 6 | Not required |
| **Metaflumizone** |  |  |  |  |  |  | **16** |  |  |  |
| Apple | None | 0.9 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Coffee beans | 0.1 | 0.15 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Dried grapes (=currants, raisins, sultanas) | None | 13 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Edible offal (mammalian) | None | \*0.02 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Eggs | None | 0.02 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Grapes | 0.04 | 5 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Maize | 0.02 | 0.04 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Mammalian fats (except milk fats) | None | 0.6 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Meat mammalian (in the fat) | None | \*0.02 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Melons [except watermelon] | None | 1 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Milk fats | None | 0.7 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Milks | None | 0.02 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Orange oil, edible | None | 100 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Oranges, Sweet, Sour | None | 3 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Peppers, chili, dried | None | 6 | New | CODEX |  |  |  | Not required | Not required | Not required |
| Poultry, edible offal of | None | \*0.02 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Poultry fats | None | 0.08 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Poultry meat (fat) | None | \*0.02 | New | CCPR |  |  |  | Not required | Not required | Not required |
| **Metalaxyl (Metalaxyl-M)** |  |  |  |  |  |  | **17** |  |  |  |
| Peppers, chili, dried | T0.1 | 10 | Increased | CODEX |  | Peppers chili, dried, 10 (2006) |  | Not required | Not required | Not required |
| **Metconazole** |  |  |  |  |  |  | **2** |  |  |  |
| Banana | None | \*0.1 | New | CCPR |  |  |  | 5 | 1 | Not required |
| Beans with pods (immature pods and succulent seeds) | None | \*0.05 | New | CCPR |  |  |  | 1 | <1 | Not required |
| Blueberries | 0.4 | 0.5 | Increased | CCPR |  |  |  | 1 | 2 | Not required |
| Cherries | 0.2 | 0.3 | Increased | CCPR |  |  |  | 2 | 1 | Not required |
| Cotton seed | None | 0.3 | New | CCPR |  |  |  | 2 | 1 | Not required |
| Dry beans [except soya bean] | None | \*0.04 | New | CCPR |  |  |  | <1 | <1 | Not required |
| Dry peas | None | 0.15 | New | CCPR |  |  |  | 2 | 1 | Not required |
| Edible offal (mammalian) | None | \*0.04 | New | CCPR |  |  |  | <1 | <1 | Not required |
| Eggs | None | \*0.04 | New | CCPR |  |  |  | <1 | <1 | Not required |
| Garlic | None | \*0.05 | New | CCPR |  |  |  | <1 | <1 | Not required |
| Maize, grain | None | 0.015 | New | CCPR |  |  |  | <1 | <1 | Not required |
| Mammalian fats (except milk fats) | None | \*0.04 | New | CCPR |  |  |  | <1 | <1 | Not required |
| Meat (mammalian) | None | \*0.04 | New | CCPR |  |  |  | 1 | 1 | Not required |
| Milks | None | \*0.04 | New | CCPR |  |  |  | 8 | 3 | Not required |
| Onion, bulb | None | \*0.05 | New | CCPR |  |  |  | <1 | <1 | Not required |
| Peaches (including Nectarines and Apricots) | 0.2 | 0.2 | Maintained | CCPR |  |  |  | 15 | 6 | Not required |
| Peanut oil, edible | 0.04 | 0.06 | Increased | CCPR |  |  |  | <1 | <1 | Not required |
| Plums (including fresh prunes) | 0.2 | 0.1 | Decreased | CCPR |  |  |  | 15 | 1 | Not required |
| Poultry, edible offal of | None | \*0.04 | New | CCPR |  |  |  | 1 | <1 | Not required |
| Poultry fats | None | \*0.04 | New | CCPR |  |  |  | <1 | <1 | Not required |
| Poultry meat | None | \*0.04 | New | CCPR |  |  |  | 1 | 1 | Not required |
| Prunes, dried | 0.2 | 0.5 | Increased | CCPR |  |  |  | 7 | 4 | Not required |
| Rape seed | None | 0.15 | New | CCPR |  |  |  | <1 | <1 | Not required |
| Rape seed oil, edible | None | 0.5 | New | CCPR |  |  |  | 1 | <1 | Not required |
| Soya bean (dry) | None | 0.04 | New | CCPR |  |  |  | <1 | <1 | Not required |
| Sugar beet | None | 0.07 | New | CCPR |  |  |  | 3 | 2 | Not required |
| Sugar cane | None | 0.06 | New | CCPR |  |  |  | 1 | <1 | Not required |
| Sunflower seeds | None | 1.5 | New | CCPR |  |  |  | 1 | 1 | Not required |
| Sweet corn | None | 0.015 | New | CCPR |  |  |  | 1 | <1 | Not required |
| Tree nuts | 0.04 | 0.04 | Maintained | U.S. |  |  |  | 1 | <1 | Not required |
| Tuberous and corm vegetables | 0.04 | \*0.04 | Maintained | CCPR |  |  |  | 3 | 1 | Not required |
| **Methamidophos**  **(see also Acephate)** |  |  |  |  |  |  | **12** |  |  |  |
| Peppers, chili, dried | None | 0.1 | New | CCPR |  |  |  | 1 | 1 | Not required |
| **Methidathion** |  |  |  |  |  |  | **NR2** |  |  |  |
| Apple | 0.2 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Avocado | 0.5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Cereal grains | \*0.01 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Citrus fruits [except mandarins] | 2 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Coffee beans | \*0.01 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Custard apple | 0.2 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Eggplant | 0.1 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Eggs | \*0.05 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Garlic | \*0.01 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Legume vegetables | 0.1 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Litchi | T0.1 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Macadamia nuts | \*0.01 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Mandarins | 5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Mango | 2 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Meat (mammalian) (in the fat) | 0.5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Milks (in the fat) | 0.5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Oilseed | 1 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Onion, bulb | \*0.01 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Passionfruit | 0.2 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Pear | 0.2 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Peppers | T0.1 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Persimmon, American | 0.5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Persimmon, Japanese | 0.5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Potato | \*0.01 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Poultry, edible offal of | \*0.05 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Poultry meat | \*0.05 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Stone fruits | \*0.01 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Vegetable oils, edible | 0.1 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| **Methomyl** |  |  |  |  |  |  | **47** |  |  |  |
| Peppers, chili, dried | T2 | 10 | Increased | CODEX |  | Peppers chili, dried, 10 (2006) |  | 8 | 12 | Not required |
| **Methoprene** |  |  |  |  |  |  | **2** |  |  |  |
| All other foods except animal food commodities | None | 0.05 | New | FSANZ |  |  |  | Not required | Not required | Not required |
| Peanut | None | 5 | New |  |  |  |  | Not required | Not required | Not required |
| **Methoxyfenozide** |  |  |  |  |  |  | **26** |  |  |  |
| Celery | 0.03 | 15 | Increased | CODEX |  | Celery, 15 (2005) |  | Not required | Not required | Not required |
| Peppers, chili, dried | 3 | 20 | Increased | CODEX |  | Peppers chili, dried, 20 (2006) |  | Not required | Not required | Not required |
| Raspberries, red, black | 0.03 | 6 | Increased | U.S. | Caneberry |  |  | Not required | Not required | Not required |
| **Metribuzin** |  |  |  |  |  |  | **11** |  |  |  |
| Potato | \*0.05 | 0.6 | Increased | U.S. |  |  |  | Not required | Not required | Not required |
| **Novaluron** |  |  |  |  |  |  | **35** |  |  |  |
| Blueberries | 0.1 | 7 | Increased |  | Blueberry, highbush |  |  | Not required | Not required | Not required |
| **Omethoate** |  |  |  |  |  |  | **78** |  |  |  |
| Abiu | 2 | 2 | Maintained | APVMA |  |  |  | Not required | Not required | Not required |
| Asparagus | 2 | \*0.002 | Decreased | APVMA |  |  |  | Not required | Not required | Not required |
| Assorted tropical and sub-tropical fruits – inedible peel [except Avocado; Mango; Pineapple] | 2 | 2 | Maintained | APVMA |  |  |  | Not required | Not required | Not required |
| Avocado | 2 | 0.1 | Decreased | APVMA |  |  |  | Not required | Not required | Not required |
| Beetroot | 2 | \*0.05 | Decreased | APVMA |  |  |  | Not required | Not required | Not required |
| Blackberries | 2 | T3 | Increased | APVMA |  |  |  | 29 | 2 | Not required |
| Cactus fruit | 2 | 2 | Maintained | APVMA |  |  |  | Not required | Not required | Not required |
| Citrus fruits | 2 | 0.5 | Decreased | APVMA |  |  |  | Not required | Not required | Not required |
| Cotton seed | 0.05 | \*0.05 | Maintained | APVMA |  |  |  | Not required | Not required | Not required |
| Edible offal (mammalian) | \*0.05 | 0.1 | Increased | APVMA |  |  |  | <1 | <1 | Not required |
| Eggplant | 2 | T0.07 | Decreased | APVMA |  |  |  | Not required | Not required | Not required |
| Fruit | 2 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Legume vegetables | 2 | 1 | Decreased | APVMA |  |  |  | Not required | Not required | Not required |
| Lupin (dry) | 0.1 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Mango | 2 | 0.1 | Decreased | APVMA |  |  |  | Not required | Not required | Not required |
| Melons [except Watermelon] | 2 | 0.2 | Decreased | APVMA |  |  |  | Not required | Not required | Not required |
| Olive oil, refined | T0.2 | T0.01 | Decreased | APVMA |  |  |  | Not required | Not required | Not required |
| Onion, bulb | 2 | 0.5 | Decreased | APVMA |  |  |  | Not required | Not required | Not required |
| Peanut | 0.05 | \*0.01 | Decreased | APVMA |  |  |  | Not required | Not required | Not required |
| Peppers, sweet | 1 | 0.3 | Decreased | APVMA |  |  |  | Not required | Not required | Not required |
| Pineapple | 2 | 0.03 | Decreased | APVMA |  |  |  | Not required | Not required | Not required |
| Potato | 2 | 0.05 | Decreased | APVMA |  |  |  | Not required | Not required | Not required |
| Pulses | 2 | 0.1 | Decreased | APVMA |  |  |  | Not required | Not required | Not required |
| Raspberries, red, black | 2 | T3 | Increased | APVMA |  |  |  | 44 | 2 | Not required |
| Rhubarb | 2 | 0.3 | Decreased | APVMA |  |  |  | Not required | Not required | Not required |
| Rollinia | 2 | 2 | Maintained | APVMA |  |  |  | Not required | Not required | Not required |
| Santol | 2 | 2 | Maintained | APVMA |  |  |  | Not required | Not required | Not required |
| Squash, summer (zucchini) | 2 | 0.2 | Decreased | APVMA |  |  |  | Not required | Not required | Not required |
| Strawberry | 2 | \*0.01 | Decreased | APVMA |  |  |  | Not required | Not required | Not required |
| Sweet potato | 2 | 0.05 | Decreased | APVMA |  |  |  | Not required | Not required | Not required |
| Tomato | 1 | 0.02 | Decreased | APVMA |  |  |  | Not required | Not required | Not required |
| Turnip, garden | 2 | \*0.1 | Decreased | APVMA |  |  |  | Not required | Not required | Not required |
| Vaccinium berries (including bearberry) | 2 | T2 | Maintained | APVMA |  |  |  | Not required | Not required | Not required |
| Vegetables [except as otherwise listed under this chemical] | 2 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Watermelon | 2 | 0.2 | Decreased | APVMA |  |  |  | Not required | Not required | Not required |
| Wheat bran, processed | \*0.05 | 0.05 | Maintained | APVMA |  |  |  | Not required | Not required | Not required |
| **Oxamyl** |  |  |  |  |  |  | **9** |  |  |  |
| Potato | 0.05 | 0.1 | Increased | U.S. | Vegetable, tuberous and corm |  |  | 38 | 16 | Not required |
| **Oxathiapiprolin** |  |  |  |  |  |  | **<1** |  |  |  |
| Avocado | 0.02 | 0.1 | Increased | U.S. |  |  |  | Not required | Not required | Not required |
| Blueberries | 0.02 | 0.5 | Increased | U.S. |  |  |  | Not required | Not required | Not required |
| Hops, dried cones | 0.02 | 5 | Increased | U.S. |  |  |  | Not required | Not required | Not required |
| Peppers, chili, dried | 0.5 | 4 | Increased | CODEX |  |  |  | Not required | Not required | Not required |
| Pomegranate | 0.02 | 0.1 | Increased | U.S. |  |  |  | Not required | Not required | Not required |
| Strawberry | 0.02 | 0.4 | Increased | U.S. |  |  |  | Not required | Not required | Not required |
| Tree nuts | 0.02 | 0.01 | Decreased | U.S. |  |  |  | Not required | Not required | Not required |
|  |  |  |  |  |  |  |  |  |  |  |
| **Oxyfluorfen** |  |  |  |  |  |  | **3** |  |  |  |
| All other foods except animal food commodities | None | 0.05 | New | FSANZ |  |  |  | Not required | Not required | Not required |
| **Paraquat** |  |  |  |  |  |  | **43** |  |  |  |
| Anise myrtle leaves | T0.5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Cassava | T\*0.05 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Lemon myrtle leaves | T0.5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Native pepper (*Tasmannia lanceolata*) leaves | T0.5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Tea, green, black | T0.5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| **Pendimethalin** |  |  |  |  |  |  | **2** |  |  |  |
| Blueberries | \*0.05 | 0.1 | Increased | U.S. | Berry group 13 |  |  | <1 | <1 | Not required |
| Celery | 0.02 | 0.09 | Increased | CODEX |  | Celery, 0.09 (2017) |  | <1 | <1 | Not required |
| Mints | 0.02 | 0.2 | Increased | CODEX |  |  |  | <1 | <1 | Not required |
| Peppermint oil, edible | 0.02 | 6 | Increased | CODEX |  |  |  | <1 | <1 | Not required |
| **Penthiopyrad** |  |  |  |  |  |  | **21** |  |  |  |
| Bush berries | 0.05 | 7 | Increased | CCPR |  |  |  | 10 | 7 | Not required |
| Cane berries | 0.05 | 10 | Increased | CCPR |  |  |  | 14 | 3 | Not required |
| Celery | 0.05 | 15 | Increased | CODEX |  | Celery, 15 (2013) |  | 62 | 8 | Not required |
| Elderberries | 0.05 | 7 | Increased | CCPR |  |  |  | 1 | <1 | Not required |
| Guelder rose | 0.05 | 7 | Increased | CCPR |  |  |  | 1 | <1 | Not required |
| Peppers, chili, dried | 5 | 14 | Increased | CODEX |  | Peppers chili, dried, 14 (2013) |  | <1 | <1 | Not required |
| **Phorate** |  |  |  |  |  |  | **31** |  |  |  |
| Coriander, seed | None | 0.1 | New | CODEX |  | Coriander, seed, 0.1 (2006) |  | <1 | <1 | Not required |
| **Picoxystrobin** |  |  |  |  |  |  | **<1** |  |  |  |
| Coffee beans | None | 0.04 | New | CCPR |  |  |  | <1 | <1 | Not required |
| Cotton seed | None | 2 | New | CCPR |  |  |  | 5 | 2 | Not required |
| Edible offal (mammalian) | None | 0.02 | New | CCPR |  |  |  | <1 | <1 | Not required |
| Mammalian fats (except milk fats) | None | 0.02 | New | CCPR |  |  |  | <1 | <1 | Not required |
| Meat mammalian (in the fat) | None | 0.02 | New | CCPR |  |  |  | <1 | <1 | Not required |
| Milks | None | \*0.01 | New | CCPR |  |  |  | 1 | <1 | Not required |
| Sorghum, grain | None | 0.02 | New | CCPR |  |  |  | <1 | <1 | Not required |
| Tea, green, black | None | 15 | New | CCPR |  |  |  | 14 | 4 | Not required |
| **Piperonyl Butoxide** |  |  |  |  |  |  | **73** |  |  |  |
| Peppers, chili, dried | 8 | 20 | Increased | CODEX |  | Peppers chili, dried, 20 (2006) |  | Not required | Not required | Not required |
|  |  |  |  |  |  |  |  |  |  |  |
| **Pirimicarb** |  |  |  |  |  |  | **9** |  |  |  |
| Peppers, chili, dried | 1 | 20 | Increased | CODEX |  | Peppers chili, dried, 20 (2006) |  | 3 | 5 | Not required |
| **Prochloraz** |  |  |  |  |  |  | **67** |  |  |  |
| Pepper, black, white | 0.1 | 10 | Increased | CODEX |  | Pepper, black, white, 10 (2005) |  | 1 | 1 | Not required |
| **Procymidone** |  |  |  |  |  |  | **23** |  |  |  |
| All other foods except animal food commodities | None | 0.05 | New | FSANZ |  |  |  | Not required | Not required | Not required |
| Adzuki beans (dry) | T0.2 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Bergamot | T3 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Broad beans (green pods and immature seeds) | T10 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Burnet, salad | T3 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Chervil | T2 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Common bean (pod and/or immature seeds) | T3 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Coriander (leaves, roots, stems) | T3 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Coriander, seed | T3 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Dill, seed | T3 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Durian (in the pulp) | None | 0.05 | New | CCPR |  |  |  | Not required | Not required | 18 |
| Fennel, bulb | T1 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Fennel, seed | T3 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Galangal, Greater | T0.5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Herbs | T3 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Kaffir lime leaves | T3 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Lemon grass | T3 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Lemon verbena (fresh weight) | T3 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Mizuna | T2 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Pome fruits | T1 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Root and tuber vegetables [except potato] | T1 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Rose and dianthus (edible flowers) | T3 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Rucola (rocket) | T2 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Snow pea | T5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Spinach | T2 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Turmeric, root (fresh) | T0.5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| **Profenofos** |  |  |  |  |  |  | **1** |  |  |  |
| Coriander, seed | 0.02 | 0.1 | Increased | CODEX |  |  |  | <1 | <1 | Not required |
| **Propamocarb** |  |  |  |  |  |  | **8** |  |  |  |
| Peppers, chili, dried | T0.3 | 10 | Increased | CODEX |  | Peppers chili, dried, 10 (2006) |  | <1 | <1 | Not required |
| **Propoxur** |  |  |  |  |  |  | **7** |  |  |  |
| Potato | 10 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| **Pydiflumetofen** |  |  |  |  |  |  | **5** |  |  |  |
| Blueberries | 3 | 5 | Increased | U.S. |  |  |  | Not required | Not required | Not required |
| Cotton seed | 0.05 | 0.3 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Edible offal (mammalian) | 0.02 | 1 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Eggs | \*0.01 | 0.02 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Maize | T0.02 | 0.04 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Maize, flour | T0.02 | 0.07 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Maize oil, edible | T0.02 | 0.08 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Mammalian fats [except milk fats] | 0.05 | 0.1 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Meat (mammalian) (in the fat) | 0.02 | 0.1 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Peanut | T0.03 | 0.05 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Peanut oil, edible | T0.03 | 0.15 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Peppers, chili, dried | 0.05 | 5 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Potato, dried | T0.05 | 0.5 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Poultry fats | 0.05 | \*0.01 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Root and tuber vegetables | T0.05 | 0.1 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Small seed oilseeds | 0.05 | 0.9 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Stem and petioles | 0.05 | 15 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Sunflower seeds | 0.05 | 0.3 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Tomato, dried | 0.05 | 7 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Tuberous and corm vegetables | T0.05 | 0.1 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| **Pyraclostrobin** |  |  |  |  |  |  | **34** |  |  |  |
| Spinach | 0.5 | 0.6 | Increased | CCPR |  |  |  | Not required | Not required | 2 |
| **Pyrethrins** |  |  |  |  |  |  | **56** |  |  |  |
| Peppers, chili, dried | 1 | 0.5 | Increased | CODEX |  | Peppers chili, dried, 0.5 (2006) |  | <1 | <1 | Not required |
| **Pyrimethanil** |  |  |  |  |  |  | **32** |  |  |  |
| Almond | 0.1 | 0.2 | Increased | U.S. |  |  |  | Not required | Not required | Not required |
| **Pyriofenone** |  |  |  |  |  |  | **3** |  |  |  |
| Mammalian fats [except milk fats] | 0.05 | \*0.01 | Decreased | CCPR |  |  |  | Not required | Not required | Not required |
| Poultry fats | 0.05 | \*0.01 | Decreased | CCPR |  |  |  | Not required | Not required | Not required |
| **Pyriproxyfen** |  |  |  |  |  |  | **10** |  |  |  |
| Blueberries | 0.1 | 1 | Increased | U.S. | Bushberry |  |  | Not required | Not required | Not required |
| **Quinclorac** |  |  |  |  |  |  | **2** |  |  |  |
| Rice | 5 | 10 | Increased | CODEX |  | Rice, 10 (2018) |  | 4 | 2 | Not required |
| Rice, polished | 5 | 8 | Increased | CODEX |  | Rice, polished, 8 (2018) |  | 3 | 2 | Not required |
| **Quinoxyfen** |  |  |  |  |  |  | **2** |  |  |  |
| Peppers, chili, dried | 0.02 | 10 | Increased | CODEX |  | Peppers chili, dried, 10 (2007) |  | Not required | Not required | Not required |
| **Quintozene** |  |  |  |  |  |  | **12** |  |  |  |
| Peppers, chili, dried | None | 0.1 | New | CODEX |  | Peppers chili, dried, 0.1 (2006) |  | Not required | Not required | Not required |
| **Quizalofop-ethyl** |  |  |  |  |  |  | **NR2** |  |  |  |
| Quinoa | T\*0.02 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| **Rimsulfuron** |  |  |  |  |  |  | **<1** |  |  |  |
| Cranberry | None | 0.02 | New | U.S. | Berry, low growing, except strawberry |  |  | Not required | Not required | Not required |
| **Saflufenacil** |  |  |  |  |  |  | **4** |  |  |  |
| Mustard seed | 0.03 | 0.6 | Increased | CODEX |  | Mustard seed, 0.6 (2018) |  | Not required | Not required | Not required |
| **Spinetoram** |  |  |  |  |  |  | **11** |  |  |  |
| Celery | 2 | 6 | Increased | CODEX |  | Celery, 6 (2013) |  | Not required | Not required | Not required |
| Peaches (including Nectarines and Apricots) | 0.2 | 0.3 | Increased | U.S. | Fruit, stone group |  |  | Not required | Not required | Not required |
| Peppers, chili, dried | 0.1 | 4 | Increased | CODEX |  | Peppers chili, dried, 4 (2018) |  | Not required | Not required | Not required |
| Plums | 0.2 | 0.3 | Increased | U.S. | Fruit, stone group |  |  | Not required | Not required | Not required |
| **Spinosad** |  |  |  |  |  |  | **43** |  |  |  |
| Peppers, chili, dried | 0.2 | 3 | Increased | CODEX |  | Peppers chili, dried, 3 (2006) |  | Not required | Not required | Not required |
| Potato | 0.02 | 0.1 | Increased | U.S. | Vegetable, root and tuber |  |  | Not required | Not required | Not required |
| **Spiromesifen** |  |  |  |  |  |  | **4** |  |  |  |
| Peppers, chili, dried | None | 5 | New | CODEX |  | Peppers chili, dried, 5 (2017) |  | Not required | Not required | Not required |
| Potato | None | 0.02 | New | U.S. | Vegetable, root and tuber |  |  | Not required | Not required | Not required |
| **Spirotetramat** |  |  |  |  |  |  | **17** |  |  |  |
| Carrot | 0.1 | 0.04 | Increased | CCPR |  |  |  | <1 | <1 | Not required |
| Peppers, chili, dried | 7 | 15 | Increased | CODEX |  | Peppers chili, dried, 15 (2009) |  | <1 | <1 | Not required |
| Strawberry | 0.1 | 0.3 | Increased | CCPR |  |  |  | <1 | <1 | Not required |
| Sugar beet | 0.1 | 0.06 | Increased | CCPR |  |  |  | <1 | <1 | Not required |
| Sugar beet molasses | 0.1 | 0.3 | Increased | CCPR |  |  |  | <1 | <1 | Not required |
| **Sulfoxaflor** |  |  |  |  |  |  | **23** |  |  |  |
| Blueberries | 0.01 | 2 | Increased | U.S. | Bushberry |  |  | 5 | 1 | Not required |
| Celery | 0.01 | 1.5 | Increased | CODEX |  | Celery, 1.5 (2013) |  | 8 | 3 | Not required |
| Table grapes | \*0.01 | 2 | Increased | U.S. | Fruit, small, vine climbing, except fuzzy kiwi fruit |  |  | 14 | 18 | Not required |
| Peppers, chili, dried | 1 | 15 | Increased | CODEX |  | Peppers chili, dried, 15 (2013) |  | 1 | 1 | Not required |
| **Tebuconazole** |  |  |  |  |  |  | **20** |  |  |  |
| Almonds | \*0.01 | 0.05 | Increased | U.S. | Nut, tree, group |  |  | <1 | <1 | Not required |
| Asparagus | T\*0.02 | None | Deleted | APVMA |  |  |  |  |  | Not required |
| Mandarins | T0.05 | 0.7 | Increased | CCPR |  |  |  | 4 | 2 | Not required |
| Orange oil, edible | 0.05 | 10 | Increased | CCPR |  |  |  | 2 | 1 | Not required |
| Oranges, Sweet, Sour | T0.05 | 0.4 | Increased | CCPR |  |  |  | 7 | 2 | Not required |
| Rice | 0.2 | 1.5 | Increased | CCPR |  | Rice, 1.5 (2012) |  | 4 | 2 | Not required |
| **Tebufenozide** |  |  |  |  |  |  | **47** |  |  |  |
| Peppers, chili, dried | 0.05 | 10 | Increased | CODEX |  | Peppers chili, dried, 10 (2006) |  | <1 | <1 | Not required |
| Persimmon, Japanese | T0.05 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Pistachio nut | 0.1 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| **Tepraloxydim** |  |  |  |  |  |  | **NR2** |  |  |  |
| Edible offal (mammalian) | \*0.1 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Eggs | \*0.1 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Meat (mammalian) | \*0.1 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Milks | \*0.02 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Poultry, edible offal of | \*0.1 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Poultry meat | \*0.1 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Pulses | \*0.1 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Rape seed (canola) | \*0.1 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| **Terbacil** |  |  |  |  |  |  | **<1** |  |  |  |
| Almond | 0.5 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Apple | \*0.04 | \*0.04 | Maintained | APVMA |  |  |  | Not required | Not required | Not required |
| Peach | \*0.04 | \*0.04 | Maintained | APVMA |  |  |  | Not required | Not required | Not required |
| Pome fruits | \*0.04 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Stone fruits | \*0.04 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| **Thiabendazole** |  |  |  |  |  |  | **47** |  |  |  |
| Mango | 0.03 | 7 | Increased | CCPR |  |  |  | 24 | 12 | 32 |
| Peanut | T\*0.01 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Sweet potato | 0.05 | 9 | Increased | CCPR |  |  |  | 43 | 12 | 62 |
| **Thiacloprid** |  |  |  |  |  |  | **22** |  |  |  |
| Mustard seed | 0.1 | 0.5 | Increased | CODEX |  | Mustard seeds, 0.5 (2007) |  | <1 | <1 | Not required |
| **Thiamethoxam** |  |  |  |  |  |  | **14** |  |  |  |
| Celery | T0.5 | 1 | Increased | CODEX |  | Celery, 1 (2011) |  | 4 | <1 | Not required |
| **Thifensulfuron-methyl** |  |  |  |  |  |  | **NR2** |  |  |  |
| Cereal grains [except maize, rice] | \*0.02 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Edible offal (mammalian) | \*0.01 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Eggs | \*0.01 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Meat (mammalian) | \*0.01 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Milks | 0.01 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Poultry, edible offal of | \*0.01 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| Poultry meat | \*0.01 | None | Deleted | APVMA |  |  |  | Not required | Not required | Not required |
| **Tolclofos-Methyl** |  |  |  |  |  |  | **1** |  |  |  |
| All other foods except animal food commodities | None | 0.02 | New | FSANZ |  |  |  | Not required | Not required | Not required |
| Edible offal (mammalian) | None | \*0.01 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Eggs | None | \*0.01 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Leafy greens [except spinach, purslane, chard] | \*0.01 | 0.7 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Lettuce, head | \*0.01 | None | Deleted | CCPR |  |  |  | Not required | Not required | Not required |
| Lettuce, leaf | \*0.01 | None | Deleted | CCPR |  |  |  | Not required | Not required | Not required |
| Mammalian fats [except milk fats] | None | \*0.01 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Meat (mammalian) | None | \*0.01 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Milks | None | \*0.01 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Potato | 0.1 | 0.3 | Increased | CCPR |  |  |  | Not required | Not required | Not required |
| Poultry, edible offal of |  |  |  |  |  |  |  |  |  |  |
| Poultry fats | None | \*0.01 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Poultry meat | None | \*0.01 | New | CCPR |  |  |  | Not required | Not required | Not required |
| **Tolfenpyrad** |  |  |  |  |  |  | **15** |  |  |  |
| Bulb onions | None | 0.09 | New | CCPR |  |  |  | 8 | 5 | Not required |
| Citrus oil, edible | None | 80 | New | CCPR |  |  |  | 76 | 32 | Not required |
| Edible offal (mammalian) | None | 0.4 | New | CCPR |  |  |  | 1 | <1 | Not required |
| Eggs | None | \*0.01 | New | CCPR |  |  |  | <1 | <1 | Not required |
| Lemons and Limes | None | 0.9 | New | CCPR |  |  |  | 14 | 8 | Not required |
| Mammalian fats [except Milk fats] | None | \*0.01 | New | CCPR |  |  |  | <1 | <1 | Not required |
| Mandarins | None | 0.9 | New | CCPR |  |  |  | 12 | 5 | Not required |
| Meat (mammalian) | None | \*0.01 | New | CCPR |  |  |  | 1 | <1 | Not required |
| Milks | None | \*0.01 | New | CCPR |  |  |  | 8 | 3 | Not required |
| Oranges, Sweet, Sour | None | 0.6 | New | CCPR |  |  |  | 75 | 34 | Not required |
| Peppers [except Martynia; Okra; Roselle] | None | 0.5 | New | CCPR |  |  |  | 69 | 21 | Not required |
| Peppers, chili, dried | None | 5 | New | CCPR |  |  |  | 8 | 12 | Not required |
| Poultry, edible offal of | None | \*0.01 | New | CCPR |  |  |  | <1 | <1 | Not required |
| Poultry fats | None | \*0.01 | New | CCPR |  |  |  | <1 | <1 | Not required |
| Poultry meat | None | \*0.01 | New | CCPR |  |  |  | 1 | <1 | Not required |
| Pummelos | None | 0.6 | New | CCPR |  |  |  | 60 | 21 | Not required |
| **Triadimefon** |  |  |  |  |  |  | **17** |  |  |  |
| Peppers, chili, dried | 0.2 | 5 | Increased | CODEX |  |  |  | 1 | 2 | Not required |
| **Triadimenol** |  |  |  |  |  |  | **11** |  |  |  |
| Peppers, chili, dried | 1 | 5 | Increased | CODEX |  |  |  | 1 | 2 | Not required |
| **Trifloxystrobin** |  |  |  |  |  |  | **28** |  |  |  |
| Rice | 0.05 | 5 | Increased | CODEX |  |  |  | Not required | Not required | Not required |
| **Triazophos** |  |  |  |  |  |  | **<1** |  |  |  |
| Coriander, seed | None | 0.1 | New | CODEX |  |  |  | <1 | 1 | Not required |
| **Valifenalate** |  |  |  |  |  |  | **<1** |  |  |  |
| Edible offal (mammalian) | None | \*0.01 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Eggplant | None | 0.4 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Eggs | None | \*0.01 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Grapes | None | 0.3 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Mammalian fats [except milk fats] | None | \*0.01 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Meat (mammalian) | None | \*0.01 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Milks | None | \*0.01 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Onion, bulb | None | 0.5 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Poultry, edible offal of | None | \*0.01 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Poultry fats | None | \*0.01 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Poultry meat | None | \*0.01 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Shallot | None | 0.5 | New | CCPR |  |  |  | Not required | Not required | Not required |
| Tomato | None | 0.4 | New | CCPR |  |  |  | Not required | Not required | Not required |

Appendix 2

DEA summaries for the proposed *All other foods except animal food commodities* MRLs

All assessments for the chemicals considered follow the principles for establishing *All other foods except animal food commodities* MRLsasset out by FSANZ in 20161.

This appendix relates to all chemicals requested for inclusion in proposal M1020. It should be noted that not all the requested chemicals progressed to the stage of dietary exposure estimates during the risk assessment process and therefore some requested chemicals were not included in the draft Amendment. Chemicals excluded from M1020 may still be listed in this appendix to indicate that they were also not considered for establishment of an *All other foods except animal food commodities* MRL or indicate that a review of an existing *All other foods except animal food commodities* MRL was conducted.

If a chemical had a registered use in Australia and FSANZ had established an *All other foods except animal food commodities* MRL and the chemical has subsequently been removed from Schedule 20, the *All other foods except animal food commodities* MRL may also be removed. The principles for establishing an *All other foods except animal food commodities* MRL will be re-applied and FSANZ will propose the existing MRL remain, be reduced or deleted. Any MRL for specific commodities included in Schedule 20 under a previous harmonisation request for that chemical will remain in Schedule 20 (unless other considerations warrant them being removed or amended).

FSANZ has assumed in the National Estimate of Daily Intake (NEDI) calculations that 10% of this consumption amount would be likely to contain residues. This assumption does not apply to calculations of the National Estimated Short-Term Intake (NESTI).

The relevant Health-Based Guidance Values for the NEDI and NESTI are the Acceptable Dietary Intake (ADI) and the Acute Reference Dose (ARfD) respectively.

**List of agvet chemicals reviewed or considered for an *All other foods except animal food commodities* MRL**

[Abamectin 39](#_Toc95478713)

[Acephate 39](#_Toc95478714)

[Acequinocyl 39](#_Toc95478715)

[Acetamiprid 40](#_Toc95478716)

[Acetochlor 40](#_Toc95478717)

[Acifluorfen 40](#_Toc95478718)

[Afidopyropen 40](#_Toc95478719)

[Ametryn 40](#_Toc95478720)

[Amitrole 41](#_Toc95478721)

[Azinphos-methyl 41](#_Toc95478722)

[Azoxystrobin 41](#_Toc95478723)

[Bentazone 41](#_Toc95478724)

[Benzovindiflupyr 41](#_Toc95478725)

[Bifenazate 41](#_Toc95478726)

[Boscalid 41](#_Toc95478727)

[Bupirimate 41](#_Toc95478728)

[Buprofezin 42](#_Toc95478729)

[Carbaryl 42](#_Toc95478730)

[Carbendazim 42](#_Toc95478731)

[Carbofuran 42](#_Toc95478732)

[Chlorantraniliprole 42](#_Toc95478733)

[Chlorfenapyr 42](#_Toc95478734)

[Chlorothalonil 42](#_Toc95478735)

[Chlorpyrifos 42](#_Toc95478736)

[Clofentezine 42](#_Toc95478737)

[Clothianidin 42](#_Toc95478738)

[Cyantraniliprole 43](#_Toc95478739)

[Cyazofamid 43](#_Toc95478740)

[Cyclaniliprole 43](#_Toc95478741)

[Cycloxydim 44](#_Toc95478742)

[Cyfluthrin 44](#_Toc95478743)

[Cyhexatin 44](#_Toc95478744)

[Cypermethrin 44](#_Toc95478745)

[Cyprodinil 44](#_Toc95478746)

[Cyromazine 44](#_Toc95478747)

[Dicamba 44](#_Toc95478748)

[Dichlobenil 44](#_Toc95478749)

[Dichlorvos 45](#_Toc95478750)

[Difenoconazole 46](#_Toc95478751)

[Diflubenzuron 46](#_Toc95478752)

[Dimethoate 46](#_Toc95478753)

[Dimethomorph 46](#_Toc95478754)

[Dinocap 46](#_Toc95478755)

[Dinotefuran 46](#_Toc95478756)

[Diphenylamine 46](#_Toc95478757)

[Diquat 47](#_Toc95478758)

[Dithiocarbamates 47](#_Toc95478759)

[Diuron 47](#_Toc95478760)

[Emamectin 47](#_Toc95478761)

[Esfenvalerate 47](#_Toc95478762)

[Ethiprole 47](#_Toc95478763)

[Ethofumesate 48](#_Toc95478764)

[Ethoprophos 48](#_Toc95478765)

[Ethyl dipropylthiocarbamate (EPTC) 48](#_Toc95478766)

[Etofenprox 49](#_Toc95478767)

[Fenamidone 49](#_Toc95478768)

[Fenazaquin 49](#_Toc95478769)

[Fenbuconazole 49](#_Toc95478770)

[Fenhexamid 50](#_Toc95478771)

[Fenpropathrin 50](#_Toc95478772)

[Fenpyrazamine 50](#_Toc95478773)

[Fenpyroximate 50](#_Toc95478774)

[Fipronil 50](#_Toc95478775)

[Flonicamid 50](#_Toc95478776)

[Fluazifop-p-butyl 50](#_Toc95478777)

[Fludioxonil 50](#_Toc95478778)

[Fluensulfone 50](#_Toc95478779)

[Fluopicolide 50](#_Toc95478780)

[Fluopyram 51](#_Toc95478781)

[Flupyradifurone 51](#_Toc95478782)

[Flutolanil 51](#_Toc95478783)

[Flutriafol 51](#_Toc95478784)

[Fluxapyroxad 51](#_Toc95478785)

[Forchlorfenuron 51](#_Toc95478786)

[Fosetyl-aluminium 51](#_Toc95478787)

[Glufosinate 51](#_Toc95478788)

[Glufosinate ammonium 51](#_Toc95478789)

[Glyphosate 51](#_Toc95478790)

[Hexazinone 52](#_Toc95478791)

[Imazapic 52](#_Toc95478792)

[Imazapyr 52](#_Toc95478793)

[Imidacloprid 52](#_Toc95478794)

[Inpyrfluxam 52](#_Toc95478795)

[Iprodione 52](#_Toc95478796)

[Isofetamid 52](#_Toc95478797)

[Isoxaflutole 53](#_Toc95478798)

[Kresoxim-Methyl 53](#_Toc95478799)

[Mandestrobin 53](#_Toc95478800)

[Mandipropamid 53](#_Toc95478801)

[Mefentrifluconazole 53](#_Toc95478802)

[Mepanipyrim 53](#_Toc95478803)

[Mesotrione 53](#_Toc95478804)

[Metaflumizone 54](#_Toc95478805)

[Metalaxyl 54](#_Toc95478806)

[Metalaxyl-M 54](#_Toc95478807)

[Metconazole 54](#_Toc95478808)

[Methidathion 54](#_Toc95478809)

[Methomyl 54](#_Toc95478810)

[Methoprene 54](#_Toc95478811)

[Methoxyfenozide 55](#_Toc95478812)

[Metribuzin 55](#_Toc95478813)

[Novaluron 55](#_Toc95478814)

[Omethoate 55](#_Toc95478815)

[Oxamyl 55](#_Toc95478816)

[Oxathiapiprolin 55](#_Toc95478817)

[Oxyfluorfen 55](#_Toc95478818)

[Paraquat 56](#_Toc95478819)

[Pendimethalin 56](#_Toc95478820)

[Penthiopyrad 56](#_Toc95478821)

[Phorate 57](#_Toc95478822)

[Picoxystrobin 57](#_Toc95478823)

[Piperonyl butoxide 57](#_Toc95478824)

[Pirimicarb 57](#_Toc95478825)

[Prochloraz 57](#_Toc95478826)

[Procymidone 57](#_Toc95478827)

[Profenofos 58](#_Toc95478828)

[Propamocarb 58](#_Toc95478829)

[Propiconazole 58](#_Toc95478830)

[Propoxur 58](#_Toc95478831)

[Pydiflumetofen 58](#_Toc95478832)

[Pyraclostrobin 58](#_Toc95478833)

[Pyrethrins 58](#_Toc95478834)

[Pyrimethanil 58](#_Toc95478835)

[Pyriofenone 59](#_Toc95478836)

[Pyriproxyfen 59](#_Toc95478837)

[Quinclorac 59](#_Toc95478838)

[Quinoxyfen 59](#_Toc95478839)

[Quintozene 59](#_Toc95478840)

[Quizalofop-ethyl 59](#_Toc95478841)

[Rimsulfuron 59](#_Toc95478842)

[Saflufenacil 59](#_Toc95478843)

[Spinetoram 59](#_Toc95478844)

[Spinosad 59](#_Toc95478845)

[Spiromesifen 60](#_Toc95478846)

[Spirotetramat 60](#_Toc95478847)

[Sulfoxaflor 60](#_Toc95478848)

[Tebuconazole 60](#_Toc95478849)

[Tebufenozide 60](#_Toc95478850)

[Tepraloxydim 60](#_Toc95478851)

[Terbacil 60](#_Toc95478852)

[Thiabendazole 60](#_Toc95478853)

[Thiacloprid 60](#_Toc95478854)

[Thiamethoxam 60](#_Toc95478855)

[Thifensulfuron-methyl 61](#_Toc95478856)

[Tolclofos-methyl 61](#_Toc95478857)

[Tolfenpyrad 61](#_Toc95478858)

[Triadimefon 61](#_Toc95478859)

[Triadimenol 62](#_Toc95478860)

[Triazophos 62](#_Toc95478861)

[Trifloxystrobin 62](#_Toc95478862)

[Valifenalate 62](#_Toc95478863)

[Ziram 62](#_Toc95478864)

Abamectin

An MRL of 0.01 mg/kg for *All other foods except animal food commodities* for abamectin is currently listed in schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Acephate

Acephate has been nominated and prioritised for review by the APVMA and is therefore excluded from consideration of an *All other foods except animal food commodities* MRL as per the principles established in P1027.

Acequinocyl

An *All other foods except animal food commodities* MRL of 0.02 mg/kg is proposed based on the following considerations:

|  |  |
| --- | --- |
| **Considerations** | **Comments** |
| Limit of determination (LOD) | 0.01 mg/kg as indicated by \* in EU Pesticide database |
| Lowest plant commodity MRL | 0.2 mg/kg |
| Magnitude of existing plant commodity MRLs | The range of existing MRLs is 0.2 mg/kg (Citrus fruit) to 15 mg/kg (Hops, dry) |
| Lowest plant commodity MRL that is not the LOD | 0.2 mg/kg |
| Most relevant reference point to minimise off-label use | 0.2 |
| Consumption amount used in NEDI calculation for *All other foods except animal commodities* | 40.84 g/kg bw/day |
| Chronic dietary exposure (NEDI) considering existing permissions only | 18% of the ADI |
| Proposed *All other foods except animal commodities* MRL**1** | 0.02 mg/kg |
| NEDI including *All other foods except animal commodities* MRL and existing permissions | 19% of the ADI |
| Percentage contribution of *All other foods except animal commodities* to total chronic dietary exposure | An *All other foods except animal commodities MRL* of 0.02 mg/kg represents a contribution of 2% to total dietary exposure which is within the 20% target and is considered acceptable. |
| Acute dietary exposure assessment (NESTI) | Children 2-6 years of age (worse case (pineapples), 3% of the ARfD.  Population aged 2 years and above (worse case (grapes; watermelon, milk), 1% of the ARfD. |
| Conclusion | After considering the principles established and agreed in FSANZ proposal P1027, an *All other foods except animal commodities MRL* of 0.02 mg/kg is acceptable because it has been shown to be practical, adequately manages the risk of off-label use and does not increase the level of concern about the risk to public health. |

Acetamiprid

An MRL of 0.1 mg/kg for *All other foods except animal food commodities* for acetamiprid is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Acetochlor

Acetochlor was excluded from consideration of an *All other foods except animal food commodities* MRL as there is no registered use of acetochlor in Australia.

Acifluorfen

An MRL of 0.01 mg/kg for *All other foods except animal food commodities* for acifluorfen is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Afidopyropen

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for afidopyropenis currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Ametryn

An *All other foods except animal food commodities* MRL of 0.05 mg/kg is proposed based on the following considerations:

|  |  |
| --- | --- |
| **Considerations** | **Comments** |
| Limit of determination (LOD) | 0.05 (as indicated by \* on existing MRL) |
| Lowest plant commodity MRL | 0.05 mg/kg |
| Magnitude of existing plant commodity MRLs | The range of existing MRLs is 0.05 mg/kg (Cotton seed; Pineapple; Sugar cane) to 0.1 mg/kg (Pome fruit) |
| Lowest plant commodity MRL that is not the LOD | 0.1 mg/kg |
| Most relevant reference point to minimise off-label use | 0.1 |
| Consumption amount used in NEDI calculation for *All other foods except animal commodities* | 31.49 g/kg bw/day |
| Chronic dietary exposure (NEDI) considering existing permissions only | 4% of the ADI |
| Proposed *All other foods except animal commodities* MRL**1** | 0.05 mg/kg |
| NEDI including *All other foods except animal commodities* MRL and existing permissions | 4% of the ADI |
| Percentage contribution of *All other foods except animal commodities* to total chronic dietary exposure | An *All other foods except animal commodities MRL* of 0.05 mg/kg represents a contribution of 18% to total dietary exposure which is within the 20% target and is considered acceptable. |
| Acute dietary exposure assessment (NESTI) | An acute dietary exposure assessment is considered unnecessary for ametryn because the OCS, APVMA HAT nor JMPR has established an ARfD. |
|  |  |
|  |  |
| Conclusion | After considering the principles established and agreed in FSANZ proposal P1027, an *All other foods except animal commodities MRL* of 0.05 mg/kg is acceptable because it has been shown to be practical, adequately manages the risk of off-label use and does not increase the level of concern about the risk to public health. |

Amitrole

Amitrole was excluded from consideration of an *All other foods except animal food commodities* MRL because the NEDI from existing permissions is >80% of the ADI.

Azinphos-methyl

Azinphos-methyl has been nominated and prioritised for review by the APVMA and is therefore excluded from consideration of an *All other foods except animal food commodities* MRL as per the principles established in P1027.

Azoxystrobin

An MRL of 0.1 mg/kg for *All other foods except animal food commodities* for azoxystrobin

is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Bentazone

An MRL of 0.1 mg/kg for *All other foods except animal food commodities* for bentazone is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Benzovindiflupyr

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for benzovindiflupyr is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Bifenazate

An MRL of 0.2 mg/kg for *All other foods except animal food commodities* for bifenazate is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Boscalid

An MRL of 0.5 mg/kg for *All other foods* for boscalid is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Bupirimate

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for bupirimate is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Buprofezin

An MRL of 0.1 mg/kg for *All other foods except animal food commodities* for buprofezin is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Carbaryl

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for carbaryl is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Carbendazim

Carbendazim was excluded from consideration of an *All other foods except animal food commodities* MRL as it is a Schedule 7 only poison.

Carbofuran

It was not considered appropriate to establish an *All other foods except animal food commodities* MRL based on the APVMA's proposed deletion of many permitted uses of carbofuran in Australia.

Chlorantraniliprole

An MRL of T0.1 mg/kg for *All other foods* for chlorantraniliprole is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Chlorfenapyr

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for chlorfenapyr is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Chlorothalonil

Chlorothalonil has been nominated and prioritised for review by the APVMA and is therefore excluded from consideration of an *All other foods except animal food commodities* MRL as per the principles established in P1027.

Chlorpyrifos

Chlorpyrifos has been nominated and prioritised for review by the APVMA and is therefore excluded from consideration of an *All other foods except animal food commodities* MRL as per the principles established in P1027.

Clofentezine

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for clofentezine is currently listed in schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Clothianidin

An MRL of T0.1 mg/kg for *All other foods except animal food commodities* for clothianidin is currently listed in schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Cyantraniliprole

An MRL of 0.05 mg/kg for *All other foods* for cyantraniliprole is currently listed in schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Cyazofamid

An MRL of 0.04 mg/kg for *All other foods except animal food commodities* for cyazofamid is currently listed in schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Cyclaniliprole

An *All other foods except animal food commodities* *MRL* for cyclaniliprole was considered as part of M1018. However, at the time, an *All other foods except animal food* commodities MRL could not be established as even at the LOQ, the contribution of *All other foods except animal food commodities* to total dietary exposure exceeded the 20% target. The outcome was reviewed in M1020 and an *All other foods except animal food commodities* *MRL* at 0.02 mg/kg is now proposed based on the following considerations:

|  |  |
| --- | --- |
| **Considerations** | **Comments** |
| Limit of determination (LOD) | \*0.01 mg/kg (as indicated in EU MRL database) |
| Lowest plant commodity MRL | 0.03 mg/kg |
| Magnitude of existing plant commodity MRLs | The range of existing MRLs is 0.03 (Tree nuts) to 1 (Brassica vegetables; Stone fruits). |
| Lowest plant commodity MRL that is not the LOD | 0.03 mg/kg |
| Most relevant reference point to minimise off-label use | 0.2 |
| Consumption amount used in NEDI calculation for *All other foods except animal commodities* | 39.03 g/kg bw/day |
| Chronic dietary exposure (NEDI) considering existing permissions only | 20% of the ADI |
| Proposed *All other foods except animal commodities* MRL**1** | 0.02 mg/kg |
| NEDI including *All other foods except animal commodities* MRL and existing permissions | 20% of the ADI |
| Percentage contribution of *All other foods except animal commodities* to total chronic dietary exposure | An *All other foods except animal commodities MRL* of 0.02 mg/kg represents a contribution of 1% to total dietary exposure which is within the 20% target, and is considered acceptable. |
| Acute dietary exposure assessment (NESTI) | An acute dietary exposure assessment is considered unnecessary for cyclaniliprole because the APVMA HAT and JMPR consider an ARfD unnecessary. |
| Conclusion | After considering the principles established and agreed in FSANZ proposal P1027, an *All other foods except animal commodities MRL* of 0.02 mg/kg is acceptable because it has been shown to be practical, adequately manages the risk of off-label use and does not increase the level of concern about the risk to public health. |

Cycloxydim

Cycloxydim was excluded from consideration of an *All other foods except animal food commodities* MRL as there is no registered use of cycloxydim in Australia.

Cyfluthrin

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for cyfluthrin is currently listed in schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Cyhexatin

Cyhexatin was excluded from consideration of an *All other foods except animal food commodities* MRL as there is no registered use of cyhexatin in Australia.

Cypermethrin

An MRL of \*0.01 mg/kg for *All other foods* for cypermethrin was established by the APVMA and is listed in schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Cyprodinil

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for cyprodinil is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Cyromazine

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for cyromazine is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Dicamba

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for dicamba is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Dichlobenil

An *All other foods except animal food commodities* MRL of 0.05 mg/kg is proposed based on the following considerations:

|  |  |
| --- | --- |
| **Considerations** | **Comments** |
| Limit of determination (LOD) | 0.05 mg/kg as indicated by \* on existing MRLs |
| Lowest plant commodity MRL | \*0.05 mg/kg |
| Magnitude of existing plant commodity MRLs | The range of existing MRLs is \*0.05 (Cereal grains (except maize)) to T1 (Blueberries; Currants, black, red, white; Gooseberry; Raspberries, red, black) |
| Lowest plant commodity MRL that is not the LOD | 0.1 mg/kg |
| Most relevant reference point to minimise off-label use | 0.1 mg/kg |
| Consumption amount used in NEDI calculation for *All other foods except animal commodities* | 37.07 g/kg bw/day |

|  |  |
| --- | --- |
| Chronic dietary exposure (NEDI) considering existing permissions only | 8% of the ADI |
| Proposed *All other foods except animal commodities* MRL**1** | 0.05 mg/kg |
| NEDI including *All other foods except animal commodities* MRL and existing permissions | 10% of the ADI |
| Percentage contribution of *All other foods except animal commodities* to total chronic dietary exposure | An *All other foods except animal commodities MRL* of 0.05 mg/kg represents a contribution of 19% to total dietary exposure which is within the 20% target and is considered acceptable. |
| Acute dietary exposure assessment (NESTI) | Women of child bearing age population aged 16-44 years (worse case (all commodities), <1% of the ARfD |
| Conclusion | After considering the principles established and agreed in FSANZ proposal P1027, an *All other foods except animal commodities MRL* of 0.05 mg/kg is acceptable because it has been shown to be practical, adequately manages the risk of off-label use and does not increase the level of concern about the risk to public health. |

Dichlorvos

An *All other foods except animal food commodities* MRL of 0.01 mg/kg is proposed based on the following considerations:

|  |  |
| --- | --- |
| **Considerations** | **Comments** |
| Limit of determination (LOD) | 0.01 mg/kg as indicated by \* on existing MRLs |
| Lowest plant commodity MRL | \*0.01 mg/kg |
| Magnitude of existing plant commodity MRLs | The range of existing MRLs is \*0.01 (Cereal grains; Oilseed [except peanut]; Pulses) to 2 mg/kg (Coffee beans) |
| Lowest plant commodity MRL that is not the LOD | 2 mg/kg |
| Most relevant reference point to minimise off-label use | 0.01 mg/kg |
| Consumption amount used in NEDI calculation for *All other foods except animal commodities* | 43.46 g/kg bw/day |
| Chronic dietary exposure (NEDI) considering existing permissions only | 37% of the ADI |
| Proposed *All other foods except animal commodities* MRL**1** | 0.01 mg/kg |
| NEDI including *All other foods except animal commodities* MRL and existing permissions | 41% of the ADI |
| Percentage contribution of *All other foods except animal commodities* to total chronic dietary exposure | An *All other foods except animal commodities MRL* of 0.01 mg/kg represents a contribution of 11% to total dietary exposure which is within the 20% target and is considered acceptable. |
| Acute dietary exposure assessment (NESTI) | Children 2-6 years of age (worse case (pineapples), 1% of the ARfD.  Population aged 2 years and above (worse case (all commodities), <1% of the ARfD. |

|  |  |
| --- | --- |
| Conclusion | After considering the principles established and agreed in FSANZ proposal P1027, an *All other foods except animal commodities MRL* of 0.01 mg/kg is acceptable because it has been shown to be practical, adequately manages the risk of off-label use and does not increase the level of concern about the risk to public health. |

Difenoconazole

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for difenoconazole is currently listed in schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Diflubenzuron

Diflubenzuron was excluded from consideration of an *All other foods except animal food commodities* MRL as its primary use is as a veterinary medicine and is therefore excluded from consideration according to the principles established in P1027.

Dimethoate

Dimethoate was excluded from consideration of an *All other foods except animal food commodities* MRL because the NEDI from existing permissions is >80% of the ADI.

Dimethomorph

An MRL of 0.2 mg/kg for *All other foods except animal food commodities* for dimethomorph is currently listed in schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Dinocap

Dinocap was excluded from consideration of an *All other foods except animal food commodities* MRL as there is no registered use of dinocap in Australia.

Dinotefuran

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for dinotefuran is currently listed in schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Diphenylamine

An *All other foods except animal food commodities* MRL of 0.05 mg/kg is proposed based on the following considerations:

|  |  |
| --- | --- |
| **Considerations** | **Comments** |
| Limit of determination (LOD) | 0.05 mg/kg as indicated by \* in EU Pesticide database |
| Lowest plant commodity MRL | 7 mg/kg |
| Magnitude of existing plant commodity MRLs | The range of existing MRLs is 7 mg/kg (Pear) to 10 mg/kg (Apple) |
| Lowest plant commodity MRL that is not the LOD | 7 mg/kg |
| Most relevant reference point to minimise off-label use | 7 |

|  |  |
| --- | --- |
| Consumption amount used in NEDI calculation for *All other foods except animal commodities* | 44.32 g/kg bw/day |
| Chronic dietary exposure (NEDI) considering existing permissions only | 23% of the ADI |
| Proposed *All other foods except animal commodities* MRL**1** | 0.05 mg/kg |
| NEDI including *All other foods except animal commodities* MRL and existing permissions | 23% of the ADI |
| Percentage contribution of *All other foods except animal commodities* to total chronic dietary exposure | An *All other foods except animal commodities MRL* of 0.05 mg/kg represents a contribution of 1% to total dietary exposure which is within the 20% target, and is considered acceptable. |
| Acute dietary exposure assessment (NESTI) | An acute dietary exposure assessment is considered unnecessary for diphenylamine because the APVMA HAT and JMPR consider an ARfD unnecessary. |
| Conclusion | After considering the principles established and agreed in FSANZ proposal P1027, an *All other foods except animal commodities MRL* of 0.05 mg/kg is acceptable because it has been shown to be practical, adequately manages the risk of off-label use and does not increase the level of concern about the risk to public health. |

Diquat

Diquat was excluded from consideration of an *All other foods except animal food commodities* MRL because the NEDI from existing permissions is >80% of the ADI.

Dithiocarbamates (Mancozeb, Maneb, Ziram)

Dithiocarbamates was excluded from consideration of an *All other foods except animal food commodities* MRL because the NEDI from existing permissions is >80% of the ADI.

Diuron

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for diuron is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Emamectin

An MRL of 0.005 mg/kg for *All other foods except animal food commodities* for emamectin is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Esfenvalerate

See Fenvalerate

Ethiprole

Ethiprole was excluded from consideration of an *All other foods except animal food commodities* MRL as there is no registered use of ethiprole in Australia.

Ethofumesate

Ethofumesate was considered for an *All other foods except animal food commodities* MRL, however FSANZ considered that there was no practical MRL that would minimise off label use. Should there be future reductions in MRLs or omission of commodities listed for ethofumesate, FSANZ may reconsider establishing an *All other foods except animal food commodities* MRL.

Ethoprophos

Ethoprophos was excluded from consideration of an *All other foods except animal food commodities* MRL as there is no registered use of ethoprophos in Australia

Ethyl dipropylthiocarbamate (EPTC)

An *All other foods except animal food commodities* MRL of 0.04 mg/kg is proposed based on the following considerations:

|  |  |
| --- | --- |
| **Considerations** | **Comments** |
| Limit of determination (LOD) | 0.04 mg/kg (as indicated by \* on existing MRLs) |
| Lowest plant commodity MRL | \*0.04 mg/kg |
| Magnitude of existing plant commodity MRLs | The range of MRLs is \*0.04 (Cereal grains; Vegetables) to 0.1 (Oilseed) |
| Lowest plant commodity MRL that is not the LOD | 0.1 mg/kg |
| Most relevant reference point to minimise off-label use | 0.1 |
| Consumption amount (g/kg bw/day) used in NEDI calculation for *All other foods except animal commodities* | 34.97 (FSANZ has assumed in the NEDI calculations that 10% of this consumption amount would be likely to contain residues) |
| Chronic dietary exposure (NEDI)  considering existing permissions only | 2 % of the ADI |
| Proposed *All other foods except animal commodities* MRL**2** | 0.04 mg/kg |
| NEDI including *All other foods except animal commodities* MRL and existing permissions | 2 % of the ADI |
| Percentage contribution of *All other foods except animal commodities* to total chronic dietary exposure | An *All other foods except animal commodities MRL* of 0.04 mg/kg represents a contribution of 7% to total dietary exposure which is within the 20% target, and is considered acceptable. |
| Acute dietary exposure assessment (NESTI) | An acute dietary exposure assessment is considered unnecessary for Ethyl dipropylthiocarbamate (EPTC)  because the APVMA HAT nor JMPR has established an ARfD. |
| Conclusion | After considering the principles established and agreed in FSANZ proposal P1027, an *All other foods except animal commodities MRL* of 0.04 mg/kg is acceptable because it has been shown to be practical, adequately manages the risk of off-label use and does not increase the level of concern about the risk to public health. |

Etofenprox

An *All other foods except animal food commodities* MRL of 0.05 mg/kg is proposed based on the following considerations:

|  |  |
| --- | --- |
| **Considerations** | **Comments** |
| Limit of determination (LOD) | 0.01 to 0.05 mg/kg as indicated by \* in EU Pesticide database and Codex MRLs |
| Lowest plant commodity MRL | 5 mg/kg |
| Magnitude of existing plant commodity MRLs | All existing MRLs established at 5 mg/kg [Hops, dry; Stone fruits (except cherries)] |
| Lowest plant commodity MRL that is not the LOD | 5 mg/kg |
| Most relevant reference point to minimise off-label use | 0.1 mg/kg |
| Consumption amount used in NEDI calculation for *All other foods except animal commodities* | 45.22 g/kg bw/day |
| Chronic dietary exposure (NEDI) considering existing permissions only | 5% of the ADI |
| Proposed *All other foods except animal commodities* MRL**1** | 0.05 mg/kg |
| NEDI including *All other foods except animal commodities* MRL and existing permissions | 6% of the ADI |
| Percentage contribution of *All other foods except animal commodities* to total chronic dietary exposure | An *All other foods except animal commodities MRL* of 0.05 mg/kg represents a contribution of 13% to total dietary exposure which is within the 20% target and is considered acceptable. |
| Acute dietary exposure assessment (NESTI) | Women of child bearing age population aged 16-44 years (worse case (all commodities), <1% of the ARfD. |
| Conclusion | After considering the principles established and agreed in FSANZ proposal P1027, an *All other foods except animal commodities MRL* of 0.05 mg/kg is acceptable because it has been shown to be practical, adequately manages the risk of off-label use and does not increase the level of concern about the risk to public health. |

Fenamidone

Fenamidone was excluded from consideration of an *All other foods except animal food commodities* MRL as there is no registered use of fenamidone in Australia.

Fenazaquin

Fenazaquin was excluded from consideration of an *All other foods except animal food commodities* MRL as there is no registered use of fenazaquin in Australia.

Fenbuconazole

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for fenbuconazole is currently listed in schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Fenhexamid

An MRL of 0.1 mg/kg for *All other foods except animal food commodities* for fenhexamid is currently listed in schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Fenpropathrin

Fenpropathrin was excluded from consideration of an *All other foods except animal food commodities* MRL as there is no registered use of fenpropathrin in Australia.

Fenpyrazamine

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for fenpyrazamine is currently listed in schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Fenpyroximate

An MRL of 0.1 mg/kg for *All other foods except animal food commodities* for fenpyroximate is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Fenvalerate

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for fenvalerate is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Fipronil

Fipronil was excluded from consideration of an *All other foods except animal food commodities* MRL because the NEDI from existing permissions is >80% of the ADI.

Flonicamid

An MRL of 0.2 mg/kg for *All other foods except animal food commodities* for flonicamid is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Fluazifop-p-butyl

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for fluazifop-p-butyl is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Fludioxonil

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for fludioxonil is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Fluensulfone

An MRL of 1 mg/kg for *All other foods* for fluensulfone is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Fluopicolide

An MRL of 0.01 mg/kg for *All other foods* for fluopicolide is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Fluopyram

An MRL of 0.2 mg/kg for *All other foods except animal food commodities* for fluopyram is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Flupyradifurone

An MRL of 0.2 mg/kg for *All other foods except animal food commodities* for flupyradifurone was established by the APVMA and is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Flutolanil

Flutolanil was considered for an *All other foods except animal food commodities* MRL, however FSANZ considered that there was no practical MRL that would minimise off label use. Should there be future reductions in MRLs or omission of commodities listed for flutolanil, FSANZ may reconsider establishing an *All other foods except animal food commodities* MRL.

Flutriafol

An MRL of 0.5 mg/kg for *All other foods except animal food commodities* for flutriafol is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Fluxapyroxad

An MRL of 0.1 mg/kg for *All other foods* for fluxapyroxad was established by the APVMA and is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Forchlorfenuron

Forchlorfenuron was considered for an *All other foods except animal food commodities* MRL, however FSANZ considered that there was no practical MRL that would minimise off label use. Should there be future reductions in MRLs or omission of commodities listed for forchlorfenuron, FSANZ may reconsider establishing an *All other foods except animal food commodities* MRL.

Fosetyl-aluminium

Fosetyl-aluminium was excluded from consideration of an *All other foods except animal food commodities* MRL as there is no registered use of fosetyl-aluminium in Australia.

Glufosinate

See glufosinate ammonium

Glufosinate ammonium

An MRL of 0.1 mg/kg for *All other foods except animal food commodities* for glufosinate ammonium is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Glyphosate

An MRL of 0.2 mg/kg for *All other foods except animal food commodities* for glyphosate is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Hexazinone

Hexazinone was considered for an *All other foods except animal food commodities* MRL, however FSANZ considered that there was no practical MRL that would minimise off label use. Should there be future reductions in MRLs or omission of commodities listed for hexazinone, FSANZ may reconsider establishing an *All other foods except animal food commodities* MRL.

Imazapic

Imazapic was considered for an *All other foods except animal food commodities* MRL, however FSANZ considered that there was no practical MRL that would minimise off label use. Should there be future reductions in MRLs or omission of commodities listed for imazapic, FSANZ may reconsider establishing an *All other foods except animal food commodities* MRL.

Imazapyr

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for imazapyr is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Imidacloprid

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for imidacloprid is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Inpyrfluxam

Inpyrfluxam was excluded from consideration of an *All other foods except animal food commodities* MRL as there is no registered use of inpyrfluxam in Australia.

Iprodione

An MRL of 0.1 mg/kg for *All other foods except animal food commodities* for iprodione is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Isofetamid

An *All other foods except animal food commodities* MRL of 0.02 mg/kg is proposed based on the following considerations:

|  |  |
| --- | --- |
| **Considerations** | **Comments** |
| Limit of determination (LOD) | 0.01 mg/kg (as indicated by \* in EU Pesticide database) |
| Lowest plant commodity MRL | 0.01 mg/kg |
| Magnitude of existing plant commodity MRLs | The range of existing MRLs is 0.01 (Almonds) to 5 (Berries and other small fruits [except grapes]) |
| Lowest plant commodity MRL that is not the LOD | 0.01 mg/kg |
| Most relevant reference point to minimise off-label use | 0.6 |
| Consumption amount used in NEDI calculation for *All other foods except animal commodities* | 41.47 g/kg bw/day |
| Chronic dietary exposure (NEDI) considering existing permissions only | 15 % of the ADI |

|  |  |
| --- | --- |
| Proposed *All other foods except animal commodities* MRL**1** | 0.02 mg/kg |
| NEDI including *All other foods except animal commodities* MRL and existing permissions | 15% of the ADI |
| Percentage contribution of *All other foods except animal commodities* to total chronic dietary exposure | An *All other foods except animal commodities MRL* of 0.02 mg/kg represents a contribution of 1% to total dietary exposure which is within the 20% target and is considered acceptable. |
| Acute dietary exposure assessment (NESTI) | Children 2-6 years of age (worse case (all commodities), <1% of the ARfD.  Population aged 2 years and above (worse case (all commodities), <1% of the ARfD. |
| Conclusion | After considering the principles established and agreed in FSANZ proposal P1027, an *All other foods except animal commodities MRL* of 0.02 mg/kg is acceptable because it has been shown to be practical, adequately manages the risk of off-label use and does not increase the level of concern about the risk to public health. |

Isoxaflutole

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for isoxaflutole is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Kresoxim-Methyl

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for kresoxim-methyl is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Mandestrobin

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for mandestrobin is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Mandipropamid

An MRL of 0.5 mg/kg for *All other foods except animal food commodities* for mandipropamid is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Mefentrifluconazole

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for mefentrifluconazole is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Mepanipyrim

Mepanipyrim was excluded from consideration of an *All other foods except animal food commodities* MRL as there is no registered use of mepanipyrim in Australia.

Mesotrione

An MRL of 0.01 mg/kg for *All other foods except animal food commodities* for mesotrione is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Metaflumizone

Metaflumizone was excluded from consideration of an *All other foods except animal food commodities* MRL as there is no registered use of metaflumizone in Australia.

Metalaxyl

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for metalaxyl is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Metalaxyl-M

See metalaxyl

Metconazole

Metconazole was excluded from consideration of an *All other foods except animal food commodities* MRL as there is no registered use of metconazole in Australia.

Methidathion

An *All other foods except animal food commodities* MRL for methidathion was established in M1006, however as the APVMA has removed all approved uses in Australia, the *All other foods except animal food commodities* MRL is proposed to be omitted from Schedule 20 in M1020.

Methomyl

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for methomyl is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Methoprene

An *All other foods except animal food commodities* MRL of 0.05 mg/kg is proposed based on the following considerations:

|  |  |
| --- | --- |
| **Considerations** | **Comments** |
| Limit of determination (LOD) | 0.02 mg/kg as indicated by \* in EU Pesticides database |
| Lowest plant commodity MRL | 2 mg/kg |
| Magnitude of existing plant commodity MRLs | The range of existing MRLs is 2 mg/kg (Cereal grains) to 10 mg/kg (Wheat germ) |
| Lowest plant commodity MRL that is not the LOD | 2 mg/kg |
| Most relevant reference point to minimise off-label use | 0.05 mg/kg |
| Consumption amount used in NEDI calculation for *All other foods except animal commodities* | 43.3 g/kg bw/day |
| Chronic dietary exposure (NEDI) considering existing permissions only | 2 % of the ADI |
| Proposed *All other foods except animal commodities* MRL**1** | 0.05 mg/kg |
| NEDI including *All other foods except animal commodities* MRL and existing permissions | 2 % of the ADI |
| Percentage contribution of *All other foods except animal commodities* to total chronic dietary exposure | An *All other foods except animal commodities MRL* of 0.05 mg/kg represents a contribution of 3% to total dietary exposure which is within the 20% target, and is considered acceptable. |
| Acute dietary exposure assessment (NESTI) | An acute dietary exposure assessment is considered unnecessary for methoprene because the APVMA HAT has not established an ARfD and JMPR consider an ARfD unnecessary. |
| Conclusion | After considering the principles established and agreed in FSANZ proposal P1027, an *All other foods except animal commodities MRL* of 0.05 mg/kg is acceptable because it has been shown to be practical, adequately manages the risk of off-label use and does not increase the level of concern about the risk to public health. |

Methoxyfenozide

An MRL of 0.03 mg/kg for *All other foods except animal food commodities* for methoxyfenozide is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Metribuzin

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for metribuzin is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Novaluron

An MRL of 0.1 mg/kg for *All other foods except animal food commodities* for novaluron is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Omethoate

Omethoate has been nominated and prioritised for review by the APVMA and is therefore excluded from consideration of an *All other foods except animal food commodities* MRL as per the principles established in P1027.

Oxamyl

An MRL of 0.05 mg/kg for *all other foods except animal food commodities* for oxamyl is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Oxathiapiprolin

An MRL of 0.02 mg/kg for *all other foods except animal food commodities* for oxathiapiprolin is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Oxyfluorfen

An *All other foods except animal food commodities* MRL of 0.05 mg/kg is proposed based on the following considerations:

|  |  |
| --- | --- |
| **Considerations** | **Comments** |
| Limit of determination (LOD) | 0.01 – 0.05 mg/kg as indicated by \* on existing MRLs |
| Lowest plant commodity MRL | \*0.01 mg/kg |
| Magnitude of existing plant commodity MRLs | The range of existing MRLs is \*0.01 mg/kg (Assorted tropical and sub-tropical—inedible peel) to 1 mg/kg (Olives) |
| Lowest plant commodity MRL that is not the LOD | 0.05 mg/kg |
| Most relevant reference point to minimise off-label use | 0.05 mg/kg |
| Consumption amount used in NEDI calculation for *All other foods except animal commodities* | 37.9 g/kg bw/day |
| Chronic dietary exposure (NEDI) considering existing permissions only | 2% of the ADI |
| Proposed *All other foods except animal commodities* MRL**1** | 0.05 mg/kg |
| NEDI including *All other foods except animal commodities* MRL and existing permissions | 3% of the ADI |
| Percentage contribution of *All other foods except animal commodities* to total chronic dietary exposure | An *All other foods except animal commodities MRL* of 0.05 mg/kg represents a contribution of 24% to total dietary exposure which is slightly over the 20% target, however is considered acceptable. |
| Acute dietary exposure assessment (NESTI) | An acute dietary exposure assessment is considered unnecessary for oxyfluorfen because the APVMA HAT has not established an ARfD and JMPR consider an ARfD unnecessary. |
| Conclusion | After considering the principles established and agreed in FSANZ proposal P1027, an *All other foods except animal commodities MRL* of 0.05 mg/kg is acceptable because it has been shown to be practical, adequately manages the risk of off-label use and does not increase the level of concern about the risk to public health. |

Paraquat

Paraquat was excluded from consideration of an *All other foods except animal food commodities* MRL as it is a Schedule 7 only poison.

Pendimethalin

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for pendimethalin is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Penthiopyrad

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for penthiopyrad is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Phorate

Phorate has been nominated and prioritised for review by the APVMA and is therefore excluded from consideration of an *All other foods except animal food commodities* MRL as per the principles established in P1027.

Picoxystrobin

Picoxystrobin was excluded from consideration of an *All other foods except animal food commodities* MRL as there is no registered use of picoxystrobin in Australia.

Piperonyl butoxide

An MRL of 0.5 mg/kg for *All other foods except animal food commodities* for piperonyl butoxide is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Pirimicarb

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for pirimicarb is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Prochloraz

An MRL of 0.1 mg/kg for *All other foods except animal food commodities* for prochloraz is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Procymidone

An *All other foods except animal food commodities* MRL of 0.05 mg/kg is proposed based on the following considerations:

|  |  |
| --- | --- |
| **Considerations** | **Comments** |
| Limit of determination (LOD) | T\*0.01-\*0.02 mg/kg as indicated by \* on existing MRLs |
| Lowest plant commodity MRL | T\*0.01 mg/kg |
| Magnitude of existing plant commodity MRLs | The range of existing MRLs is T\*0.01 mg/kg (Lupin, dry) to T10 (Broad bean (dry); Broad bean (green pods and immature seeds); Common bean (dry) (navy bean); Stone fruit) |
| Lowest plant commodity MRL that is not the LOD | T0.1 mg/kg |
| Most relevant reference point to minimise off-label use | 0.2 mg/kg |
| Consumption amount used in NEDI calculation for *All other foods except animal commodities* | 42.7 g/kg bw/day |
| Chronic dietary exposure (NEDI) considering existing permissions only | 22 % of the ADI |
| Proposed *All other foods except animal commodities* MRL**1** | 0.05 mg/kg |
| NEDI including *All other foods except animal commodities* MRL and existing permissions | 23 % of the ADI |

|  |  |
| --- | --- |
| Percentage contribution of *All other foods except animal commodities* to total chronic dietary exposure | An *All other foods except animal commodities MRL* of 0.05 mg/kg represents a contribution of 3% to total dietary exposure which is within the 20% target, and is considered acceptable. |
| Acute dietary exposure assessment (NESTI) | Women of child bearing age (worse case - milk), 2% of the ARfD. |
| Conclusion | After considering the principles established and agreed in FSANZ proposal P1027, an *All other foods except animal commodities MRL* of 0.05 mg/kg is acceptable because it has been shown to be practical, adequately manages the risk of off-label use and does not increase the level of concern about the risk to public health. |

Profenofos

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for profenofos is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Propamocarb

An MRL of 0.1 mg/kg for *All other foods except animal food commodities* for propamocarb is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Propiconazole

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for propiconazole is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Propoxur

Propoxur was excluded from consideration of an *All other foods except animal food commodities* MRL as it is not listed in Schedule 20, and there is no registered use of propoxur in Australia.

Pydiflumetofen

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for pydiflumetofen is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Pyraclostrobin

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for pyraclostrobin is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Pyrethrins

An MRL of 0.2 mg/kg for *All other foods except animal food commodities* for pyrethrins is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Pyrimethanil

An MRL of 0.1 mg/kg for *All other foods except animal food commodities* for pyrimethanil is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Pyriofenone

An MRL of 0.05 mg/kg for *All other foods* for pyriofenone is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Pyriproxyfen

An MRL of 0.1 mg/kg for *All other foods except animal food commodities* for pyriproxyfen is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Quinclorac

Quinclorac was excluded from consideration of an *All other foods except animal food commodities* MRL as there is no registered use of quinclorac in Australia.

Quinoxyfen

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for quinoxyfen is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Quintozene

Quintozene was considered for an *All other foods except animal food commodities* MRL, however, there was no practical MRL that would minimise off label use. Should there be future reductions in MRLs or omission of commodities listed for quintozene, FSANZ may reconsider establishing an *All other foods except animal food commodities* MRL.

Quizalofop-ethyl

An MRL of 0.01 mg/kg for *All other foods except animal food commodities* for quizalofop-ethyl is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Rimsulfuron

Rimsulfuron was considered for an *All other foods except animal food commodities* MRL, however, there was no practical MRL that would minimise off label use. Should there be future reductions in MRLs or omission of commodities listed for rimsulfuron, FSANZ may reconsider establishing an *All other foods except animal food commodities* MRL.

Saflufenacil

An MRL of 0.03 mg/kg for *All other foods except animal food commodities* for saflufenacil is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Spinetoram

An MRL of 0.01 mg/kg for *All other foods except animal food commodities* for spinetoram is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Spinosad

An MRL of 0.01 mg/kg for *All other foods except animal food commodities* for spinosad is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Spiromesifen

Spiromesifen was excluded from consideration of an *All other foods except animal food commodities* MRL as there is no registered use of spiromesifen in Australia.

Spirotetramat

An MRL of 0.1 mg/kg for *All other foods except animal food commodities* for spirotetramat is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Sulfoxaflor

An MRL of 0.01 mg/kg for *All other foods except animal food commodities* for sulfoxaflor is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Tebuconazole

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for tebuconazole is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Tebufenozide

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for tebufenozide is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Tepraloxydim

Tepraloxydim was excluded from consideration of an *All other foods except animal food commodities* MRL as it is not listed in Schedule 20, and there is no registered use of tepraloxydim in Australia.

Terbacil

Terbacil was considered for an *All other foods except animal food commodities* MRL, however, there was no practical MRL that would minimise off label use. Should there be future reductions in MRLs or omission of commodities listed for terbacil, FSANZ may reconsider establishing an *All other foods except animal food commodities* MRL.

Thiabendazole

An MRL of 0.03 mg/kg for *All other foods except animal food commodities* for thiabendazole is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Thiacloprid

An MRL of 0.1 mg/kg for *All other foods except animal food commodities* for thiacloprid is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Thiamethoxam

An MRL of T0.5 mg/kg for *All other foods except animal food commodities* for thiamethoxam is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Thifensulfuron-methyl

Thifensulfuron-methyl was excluded from consideration of an *All other foods except animal food commodities* as the chemical and all entries are proposed to be removed from schedule 20.

Tolclofos-Methyl

An *All other foods except animal food commodities* MRL of 0.02 mg/kg is proposed based on the following considerations:

|  |  |
| --- | --- |
| **Considerations** | **Comments** |
| Limit of determination (LOD) | \*0.01 mg/kg as indicated by \* on existing MRLs |
| Lowest plant commodity MRL | \*0.01 mg/kg |
| Magnitude of existing plant commodity MRLs | The range of existing MRLs is \*0.01 (Beetroot; Cotton seed; Lettuce, head; Lettuce, leaf) to 0.1 (Potato). |
| Lowest plant commodity MRL that is not the LOD | 0.1 mg/kg |
| Most relevant reference point to minimise off-label use | 0.04 |
| Consumption amount used in NEDI calculation for *All other foods except animal commodities* | 44.20 g/kg bw/day |
| Chronic dietary exposure (NEDI) considering existing permissions only | 1% of the ADI |
| Proposed *All other foods except animal commodities* MRL**1** | 0.02 mg/kg |
| NEDI including *All other foods except animal commodities* MRL and existing permissions | 1% of the ADI |
| Percentage contribution of *All other foods except animal commodities* to total chronic dietary exposure | An *All other foods except animal commodities MRL* of 0.02 mg/kg represents a contribution of 12% to total dietary exposure which is within the 20% target and is considered acceptable. |
| Acute dietary exposure assessment (NESTI) | An acute dietary exposure assessment is considered unnecessary for tolclofos-methyl because the APVMA HAT and JMPR have not established an ARfD. |
| Conclusion | After considering the principles established and agreed in FSANZ proposal P1027, an *All other foods except animal commodities MRL* of 0.02 mg/kg is acceptable because it has been shown to be practical, adequately manages the risk of off-label use and does not increase the level of concern about the risk to public health. |

Tolfenpyrad

Tolfenpyrad was excluded from consideration of an *All other foods except animal food commodities* MRL as it is not listed in Schedule 20, and there is no registered use of tolfenpyrad in Australia.

Triadimefon

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for triadimefon is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Triadimenol

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for triadimenol is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Triazophos

Triazophos was excluded from consideration of an *All other foods except animal food commodities* MRL as there is no registered use of triazophos in Australia.

Trifloxystrobin

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for trifloxystrobin is currently listed in Schedule 20. This MRL was reviewed in M1020 and no change is proposed.

Valifenalate

Valifenalate was excluded from consideration of an *All other foods except animal food commodities* MRL as it is not yet listed in Schedule 20, and there is no registered use of valifenalate in Australia.

Ziram

See Dithiocarbamates.

1. <https://www.foodstandards.gov.au/publications/Pages/Guide-for-Submitting-Requests-for-MRL-Proposals.aspx> [↑](#footnote-ref-2)
2. <https://www.foodstandards.gov.au/code/proposals/Pages/M1019---Review-of-Schedule-22-%E2%80%93-Foods-and-classes-of-foods-(2021).aspx> [↑](#footnote-ref-3)
3. 3 The %ADI includes existing commodities listed in Schedule 20 permitted to contain the chemical, not just the requested commodity(s). [↑](#footnote-ref-4)
4. The Codex Committee on Pesticide Residues (CCPR) is a General Subject Committee of the Codex Alimentarius. One of this committees main purposes is to establish MRLs for pesticide residues in food commodities, which are considered for adoption at the annual Codex Alimentarius Commission meetings. For further information, visit the CCPR website: <https://www.fao.org/fao-who-codexalimentarius/committees/committee/en/?committee=CCPR> [↑](#footnote-ref-5)
5. NR – not required. [↑](#footnote-ref-6)
6. Glufosinate and glufosinate-ammonium are listed together in Schedule 20 [↑](#footnote-ref-7)