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**195-22**

## **Supporting document 1**

**Dietary exposure assessments and proposed MRL changes –  
Proposal M1020**

**Maximum Residue Limits (2021)**

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### **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 97.5<sup>th</sup> percentile for consumers only of the commodity (aged 2 years and above) were extracted. To derive NESTI estimates for specific sub-population groups, 97.5<sup>th</sup> 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](#) of this document. The summaries of existing or proposed *All other foods except animal food commodities* MRLs are set out in [Appendix 2](#).

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# 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)<sup>1</sup> 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	<ul style="list-style-type: none"><li>Limited residue data and definitions available.</li><li>No appropriate HBGVs identified</li></ul>
Cyhexatin	<ul style="list-style-type: none"><li>Residue data and definitions are available.</li><li>JMPR has established HBGVs, noting ARfD applies to women of child bearing age only.</li><li>No risk of antimicrobial resistance identified</li></ul>
Dinocap	<ul style="list-style-type: none"><li>Residue data and definitions are available.</li><li>JMPR has established HBGVs, noting separate ARfDs applies to women of child bearing age and the rest of the population.</li><li>No risk of antimicrobial resistance identified</li></ul>
Ethylene	<ul style="list-style-type: none"><li>No residue data or definitions available.</li><li>No appropriate HBGVs identified</li><li>No information provided on pattern of use</li></ul>

<sup>1</sup> <https://www.foodstandards.gov.au/publications/Pages/Guide-for-Submitting-Requests-for-MRL-Proposals.aspx>

Agvet chemical	FSANZ Assessment
Fenamidone	<ul style="list-style-type: none"> <li>Residue data and definitions are available.</li> <li>JMPR has established HBGVs.</li> <li>No risk of antimicrobial resistance identified</li> </ul>
Flutianil	<ul style="list-style-type: none"> <li>No residue data or definitions available.</li> <li>No appropriate HBGVs identified</li> </ul>
Inpyrfluxam	<ul style="list-style-type: none"> <li>No residue data or definitions available.</li> <li>No appropriate HBGVs identified</li> </ul>
Kasugamycin	<ul style="list-style-type: none"> <li>No residue data or definitions available.</li> <li>No appropriate HBGVs identified</li> </ul>
Tolfenpyrad	<ul style="list-style-type: none"> <li>Residue data and definitions are available.</li> <li>JMPR has established HBGVs.</li> <li>No risk of antimicrobial resistance identified</li> </ul>
Triazophos	<ul style="list-style-type: none"> <li>Residue data and definitions are available.</li> <li>JMPR has established HBGVs.</li> <li>No risk of antimicrobial resistance identified</li> </ul>
Valifenalate	<ul style="list-style-type: none"> <li>Residue data and definitions are available.</li> <li>JMPR has established HBGVs.</li> <li>No risk of antimicrobial resistance identified</li> </ul>

## 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](#) 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 97.5<sup>th</sup> 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 97.5<sup>th</sup> 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](#)).

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](#).

Concurrent to M1020, FSANZ has also been undertaking [Proposal M1019](#)<sup>2</sup> 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](#).

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

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<sup>2</sup> [https://www.foodstandards.gov.au/code/proposals/Pages/M1019---Review-of-Schedule-22-%E2%80%93-Foods-and-classes-of-foods-\(2021\).aspx](https://www.foodstandards.gov.au/code/proposals/Pages/M1019---Review-of-Schedule-22-%E2%80%93-Foods-and-classes-of-foods-(2021).aspx)

**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
<b>Bentazone</b>				
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.
<b>Chlorantraniliprole</b>				
Hops, dry	90	40	Decreased	To meet a change in US tolerance levels, which were reduced in December 2016.
<b>Chlorothalonil</b>				
Berries and other small fruits [except blackcurrant; grapes]	T10	None	Deleted	Food commodity <i>Currant, black</i> inadvertently changed to <i>Blackcurrant</i> .
Berries and other small fruits [except Currant, black; Grapes]	T10	T10	Maintained	Corrected food commodity: <i>Currant, black</i> .
<b>Cyhalothrin</b>				
Cumin seed	0.5	None	Deleted	The commodity was inserted by error.
<b>Cyromazine</b>				
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.
<b>Difenoconazole</b>				
Brassica leafy vegetables	2	T5	Increased	Domestic use MRL established by the APVMA was inadvertently replaced.
<b>Dimethoate</b>				
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.
<b>Ethoprophos</b>				
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.
<b>Fluensulfone</b>				
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.



Chemical and commodity requested	Pre-M1020 MRL (mg/kg)	Post M1020 MRL (mg/kg)	MRL change	Reason for inclusion in M1020
Sorghum Grain and Millet	0.05	0.05	Maintained	New food category to meet amendment of Schedule 22 to align with Codex.
<b>Imazethapyr</b>				
Rape seed	None	0.05	New	The commodity was progressed in M1010 but was later omitted by accident.
<b>Isofetamid</b>				
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.
<b>Isoxaflutole</b>				
Sugar cane	None	*0.01	New	The commodity was progressed in M1003 but was later omitted by accident.
<b>Mefentrifluconazole</b>				
Dried grapes (currants, raisins and sultanas)	3	None	Deleted	Entry for <i>Dried grapes (raisins)</i> 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.
<b>Methidathion</b>				
Grape	7	None	Deleted	In M1015, <i>grapes</i> at 7 mg/kg were proposed for metrafenone. The existing entry for <i>grapes</i> under methidathion was inadvertently amended as well as the metrafenone entry. The original request to add a methidathion MRL to <i>grapes</i> (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, <i>tomato</i> at 0.9 mg/kg was proposed for metrafenone. The existing entry for <i>tomato</i> under methidathion was inadvertently amended as well as the metrafenone entry. The original request to add a methidathion MRL to <i>tomato</i> (0.1 mg/kg) was the APVMA, who are now proposing to remove entry in line with the deregistration of the chemical in Australia.
<b>Propiconazole</b>				
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.
<b>Prothiofos</b>				
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](#)<sup>2</sup>, 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](#)). 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:

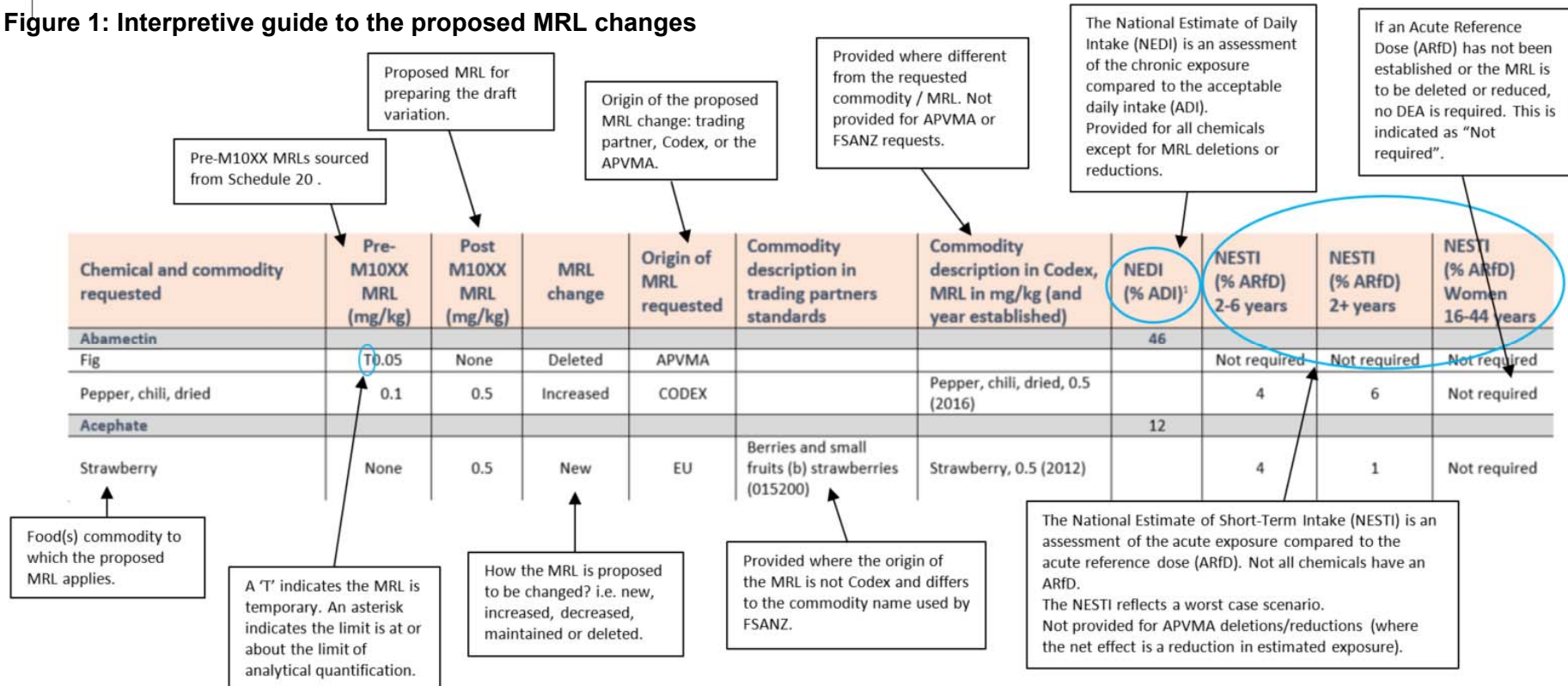
- Agvet chemical is not currently listed in Schedule 20
- Active constituent (agvet chemical) is not registered for use in Australia
- Active constituent is listed only in Schedule 7 of the Poisons Standard of the Therapeutic Goods Administration
- Agvet chemical is primarily used as a veterinary medicine
- 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) <sup>3</sup>	NESTI (% ARfD) 2-6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16-44 years
<b>Abamectin</b>							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
<b>Acephate</b>							12			
Peppers, chili, dried	None	50	New	CODEX		Peppers chili, dried, 50 (2006)		8	12	Not required
<b>Acequinocyl</b>							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
<b>Acetamiprid</b>							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 <sup>4</sup>				1	<1	Not required
Strawberry	0.1	0.5	Increased	EU	Berries and small fruits	Strawberry, 0.5 (2012)		4	1	Not required
<b>Acetochlor</b>							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
<b>Acifluorfen</b>							NR <sup>5</sup>			
Chia	T*0.01	None	Deleted	APVMA				Not required	Not required	Not required
<b>Afidopyropen</b>							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

<sup>3</sup> The %ADI includes existing commodities listed in Schedule 20 permitted to contain the chemical, not just the requested commodity(s).

<sup>4</sup> The Codex Committee on Pesticide Residues (CCPR) is a General Subject Committee of the Codex Alimentarius. One of this committee's 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>

<sup>5</sup> NR – not required.

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) <sup>3</sup>	NESTI (% ARfD) 2-6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16-44 years
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
<b>Ametryn</b>							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
<b>Amitrole</b>							NR <sup>2</sup>			
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
<b>Azinphos-methyl</b>							NR <sup>2</sup>			
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
<b>Azoxystrobin</b>							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
<b>Bentazone</b>							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

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) <sup>3</sup>	NESTI (% ARfD) 2-6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16-44 years
<b>Benzovindiflupyr</b>							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
<b>Bifenazate</b>							34			
Peppers, chili	1	3	Increased	CODEX		Peppers chili, 3 (2007)		Not required	Not required	Not required
<b>Boscalid</b>							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
<b>Bupirimate</b>							7			
Strawberry	1	2	Increased	EU				Not required	Not required	Not required
<b>Buprofezin</b>							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
<b>Carbaryl</b>							69			
Peppers, chili, dried	0.02	2	Increased	CODEX				3	5	Not required
<b>Carbendazim</b>							14			
Blackberry	None	*0.1	New	EU				1	<1	<1
Spices, seeds	*0.1	5	Increased	CODEX				7	5	3

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) <sup>3</sup>	NESTI (% ARfD) 2-6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16-44 years
<b>Carbofuran</b>							NR <sup>2</sup>			
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
<b>Chlorantranilprole</b>							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
<b>Chlorothalonil</b>							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
<b>Chlorpyrifos</b>							41			
Rice	T0.1	0.5	Increased	CODEX		Rice, 0.5 (2005)		3	1	Not required
<b>Clofentezine</b>							16			
Hops, dry	*0.2	7	Increased	U.S.	Hop, dried cones, cone pellets, extract			Not required	Not required	Not required
<b>Clothianidin</b>							12			
Rice	*0.02	0.5	Increased	CODEX	Rice flour	Rice, 0.5 (2012)		3	1	Not required
<b>Cyantranilprole</b>							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
<b>Cyazofamid</b>							<1			
Peppers, chili	0.04	0.8	Increased	CODEX		Peppers chili, 0.8 (2016)		Not required	Not required	Not required



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) <sup>3</sup>	NESTI (% ARfD) 2-6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16-44 years
<b>Cyclaniliprole</b>							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
<b>Cyloxydim</b>							53			
Peppers, chili, dried	None	90	New	CODEX		Peppers chili, dried, 90 (2013)		Not required	Not required	1
<b>Cyfluthrin (beta-cyfluthrin)</b>							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

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) <sup>3</sup>	NESTI (% ARfD) 2-6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16-44 years
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
<b>Cyhalothrin</b>							<b>7</b>			
Rice	*0.01	1	Increased	CODEX				36	20	Not required
<b>Cyhexatin</b>							<b>&lt;1</b>			
Peppers, chili, dried	None	5	New	Codex		Peppers chili, dried 5 (2006)		Not required	Not required	7
<b>Cypermethrin</b>							<b>23</b>			
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
<b>Cyprodinil</b>							<b>45</b>			
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
<b>Cyromazine</b>							<b>4</b>			
Peppers, chili, dried	T1	10	Increased	CODEX		Peppers chili, dried, 10 (2006)		2	2	Not required
<b>Dichlobenil</b>							<b>10</b>			
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
<b>Dichlorvos</b>							<b>41</b>			
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

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) <sup>3</sup>	NESTI (% ARfD) 2-6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16-44 years
<b>Difenoconazole</b>							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
<b>Diflubenzuron</b>							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
<b>Dimethoate</b>							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
<b>Dimethomorph</b>							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
<b>Dinocap</b>							<1			
Peppers, chili, dried	None	2	New	Codex		Peppers chili, dried, 2 (2006)		1	2	7

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) <sup>3</sup>	NESTI (% ARfD) 2-6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16-44 years
<b>Dinotefuran</b>							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
<b>Diphenylamine</b>							23			
All other foods except animal food commodities	None	0.05	New	FSANZ				Not required	Not required	Not required
<b>Diquat</b>							NR <sup>2</sup>			
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 ( <i>Tasmannia lanceolata</i> ) 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
<b>Diuron</b>							36			
Blueberries	0.05	0.1	Increased	U.S. & EU	Blueberries, low bush and high bush			Not required	Not required	Not required
<b>Emamectin (Emamectin benzoate)</b>							21			
Peppers, chili, dried	0.1	0.2	Increased	CODEX		Peppers chili, dried, 0.2 (2012)		<1	<1	Not required
<b>EPTC</b>							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
<b>Ethiprole</b>							20			
Rice	None	3	New	CODEX		Rice, 3 (2019)		64	35	Not required
<b>Ethofumesate</b>							<1			
Strawberry	None	*0.03	New	EU				Not required	Not required	Not required
<b>Ethoprophos</b>							<1			
Peppers, chili, dried	None	0.2	New	CODEX		Peppers chili, dried, 0.2 (2006)		<1	<1	Not required
<b>Etofenprox</b>							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
<b>Fenamidone</b>							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

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) <sup>3</sup>	NESTI (% ARfD) 2-6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16-44 years
<b>Fenarimol</b>							NR <sup>2</sup>			
Cherries	1	None	Deleted	CCPR				Not required	Not required	Not required
Hops, dry	5	None	Deleted	CCPR				Not required	Not required	Not required
<b>Fenazaquin</b>							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
<b>Fenbuconazole</b>							9			
Peppers, chili, dried	0.02	2	Increased	CODEX		Peppers chili, dried, 2 (2013)		Not required	Not required	Not required
<b>Fenhexamid</b>							16			
Currant, black, red, white	0.1	20	Increased	EU				Not required	Not required	Not required
<b>Fenpropathrin</b>							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
<b>Fenpyrazamine</b>							2			
Strawberry	0.02	3	Increased	EU				3	1	Not required
<b>Fenpyroximate</b>							43			
Raspberries, red, black	0.1	3	Increased	U.S.	Caneberry subgroup			82	8	Not required
<b>Fenvalerate (esfenvalerate)</b>							32			
Cherries	0.05	3	Increased	U.S.	Fruit, Stone group			33	16	Not required
<b>Fipronil</b>							91			
Rice	*0.005	0.01	Increased	CODEX				<1	<1	Not required
<b>Flonicamid</b>							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
<b>Fluazifop-p-butyl</b>							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

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) <sup>3</sup>	NESTI (% ARfD) 2-6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16-44 years
<b>Fludioxonil</b>							56			
Peppers, chili, dried	0.02	4	Increased	CODEX		Peppers chili, dried, 4 (2014)		Not required	Not required	Not required
<b>Fluensulfone</b>							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
<b>Fluopicolide</b>							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
<b>Fluopyram</b>							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
<b>Flupyradifurone</b>							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
<b>Flutolanil</b>							6			
Potato	0.05	0.2	Increased	U.S.				Not required	Not required	Not required
<b>Flutriafol</b>							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
<b>Fluxapyroxad</b>							78			
Celery	0.1	10	Increased	CODEX				Not required	Not required	Not required

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) <sup>3</sup>	NESTI (% ARfD) 2-6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16-44 years
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
<b>Forchlorfenuron</b>							NR <sup>2</sup>			
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
<b>Fosetyl-aluminium</b>							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
<b>Glufosinate<sup>6</sup></b>							42			
Strawberry	0.1	0.3	Increased	EU	Berries and small fruits			Not required	Not required	Not required
<b>Glufosinate-ammonium<sup>3</sup></b>							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
<b>Glyphosate</b>							10			
Almonds	0.2	1	Increased	U.S.	Nut, tree			Not required	Not required	Not required

<sup>6</sup> Glufosinate and glufosinate-ammonium are listed together in Schedule 20

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) <sup>3</sup>	NESTI (% ARfD) 2-6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16-44 years
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
<b>Hexazinone</b>							NR <sup>2</sup>			
Pineapple	1	None	Deleted	APVMA				Not required	Not required	Not required
<b>Imazapic</b>							<1			
Soya bean (dry)	0.3	0.5	Increased	CODEX				Not required	Not required	Not required
<b>Imazapyr</b>							<1			
Soya bean (dry)	3	5	Increased	CODEX				Not required	Not required	Not required
<b>Imidacloprid</b>							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
<b>Iprodione</b>							62			
Blackberries	12	25	Increased	U.S.	Caneberry			Not required	Not required	Not required
<b>Isofetamid</b>							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
<b>Kresoxim-Methyl</b>							NR <sup>2</sup>			
Pome fruits [except Pears; persimmon, Japanese]	0.2	0.2	Maintained	CCPR				Not required	Not required	Not required
<b>Mancozeb (Dithiocarbamates)</b>							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
<b>Mandestrobin</b>							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



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) <sup>3</sup>	NESTI (% ARfD) 2-6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16-44 years
<b>Maneb (Dithiocarbamates)</b>							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
<b>Mandipropamid</b>							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
<b>Mefenitruconazole</b>							46			
Baby leaves	0.02	30	Increased	U.S.				Not required	Not required	Not required
Barley, similar grains, and pseudocereals with husks	0.2	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
<b>Mepaniprim</b>							3			
Strawberry	2	3	Increased	EU				21	6	Not required
<b>Metaflumizone</b>							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

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) <sup>3</sup>	NESTI (% ARfD) 2-6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16-44 years
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
<b>Metalaxyl (Metalaxyl-M)</b>							<b>17</b>			
Peppers, chili, dried	T0.1	10	Increased	CODEX		Peppers chili, dried, 10 (2006)		Not required	Not required	Not required
<b>Metconazole</b>							<b>2</b>			
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

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) <sup>3</sup>	NESTI (% ARfD) 2-6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16-44 years
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
<b>Methamidophos (see also Acephate)</b>							<b>12</b>			
Peppers, chili, dried	None	0.1	New	CCPR				1	1	Not required
<b>Methidathion</b>							<b>NR<sup>2</sup></b>			
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

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) <sup>3</sup>	NESTI (% ARfD) 2-6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16-44 years
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	0.1	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
<b>Methomyl</b>							47			
Peppers, chili, dried	T2	10	Increased	CODEX		Peppers chili, dried, 10 (2006)		8	12	Not required
<b>Methoprene</b>							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
<b>Methoxyfenozide</b>							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
<b>Metribuzin</b>							11			
Potato	*0.05	0.6	Increased	U.S.				Not required	Not required	Not required
<b>Novaluron</b>							35			
Blueberries	0.1	7	Increased		Blueberry, highbush			Not required	Not required	Not required
<b>Omethoate</b>							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

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) <sup>3</sup>	NESTI (% ARfD) 2-6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16-44 years
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
<b>Oxamyl</b>							9			
Potato	0.05	0.1	Increased	U.S.	Vegetable, tuberous and corm			38	16	Not required
<b>Oxathiapiprolin</b>							<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

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) <sup>3</sup>	NESTI (% ARfD) 2-6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16-44 years
<b>Oxyfluorfen</b>							3			
All other foods except animal food commodities	None	0.05	New	FSANZ				Not required	Not required	Not required
<b>Paraquat</b>							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 ( <i>Tasmannia lanceolata</i> ) 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
<b>Pendimethalin</b>							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
<b>Penthiopyrad</b>							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
<b>Phorate</b>							31			
Coriander, seed	None	0.1	New	CODEX		Coriander, seed, 0.1 (2006)		<1	<1	Not required
<b>Picoxystrobin</b>							<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
<b>Piperonyl Butoxide</b>							73			
Peppers, chili, dried	8	20	Increased	CODEX		Peppers chili, dried, 20 (2006)		Not required	Not required	Not required

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) <sup>3</sup>	NESTI (% ARfD) 2-6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16-44 years
<b>Pirimicarb</b>							9			
Peppers, chili, dried	1	20	Increased	CODEX		Peppers chili, dried, 20 (2006)		3	5	Not required
<b>Prochloraz</b>							67			
Pepper, black, white	0.1	10	Increased	CODEX		Pepper, black, white, 10 (2005)		1	1	Not required
<b>Procymidone</b>							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
<b>Profenofos</b>							1			
Coriander, seed	0.02	0.1	Increased	CODEX				<1	<1	Not required

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) <sup>3</sup>	NESTI (% ARfD) 2-6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16-44 years
<b>Propamocarb</b>							8			
Peppers, chili, dried	T0.3	10	Increased	CODEX		Peppers chili, dried, 10 (2006)		<1	<1	Not required
<b>Propoxur</b>							7			
Potato	10	None	Deleted	APVMA				Not required	Not required	Not required
<b>Pydiflumetofen</b>							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
<b>Pyraclostrobin</b>							34			
Spinach	0.5	0.6	Increased	CCPR				Not required	Not required	2
<b>Pyrethrins</b>							56			
Peppers, chili, dried	1	0.5	Increased	CODEX		Peppers chili, dried, 0.5 (2006)		<1	<1	Not required
<b>Primethanil</b>							32			
Almond	0.1	0.2	Increased	U.S.				Not required	Not required	Not required
<b>Pyriofenone</b>							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
<b>Pyriproxyfen</b>							10			
Blueberries	0.1	1	Increased	U.S.	Bushberry			Not required	Not required	Not required



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) <sup>3</sup>	NESTI (% ARfD) 2-6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16-44 years
<b>Quinlorac</b>							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
<b>Quinoxifen</b>							2			
Peppers, chili, dried	0.02	10	Increased	CODEX		Peppers chili, dried, 10 (2007)		Not required	Not required	Not required
<b>Quintozene</b>							12			
Peppers, chili, dried	None	0.1	New	CODEX		Peppers chili, dried, 0.1 (2006)		Not required	Not required	Not required
<b>Quizalofop-ethyl</b>							NR <sup>2</sup>			
Quinoa	T*0.02	None	Deleted	APVMA				Not required	Not required	Not required
<b>Rimsulfuron</b>							<1			
Cranberry	None	0.02	New	U.S.	Berry, low growing, except strawberry			Not required	Not required	Not required
<b>Saflufenacil</b>							4			
Mustard seed	0.03	0.6	Increased	CODEX		Mustard seed, 0.6 (2018)		Not required	Not required	Not required
<b>Spinetoram</b>							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
<b>Spinosad</b>							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
<b>Spiromesifen</b>							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
<b>Spirotetramat</b>							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

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Sugar beet molasses	0.1	0.3	Increased	CCPR				<1	<1	Not required
<b>Sulfoxafior</b>							<b>23</b>			
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
<b>Tebuconazole</b>							<b>20</b>			
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
<b>Tebufenozide</b>							<b>47</b>			
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
<b>Tepraloxymidim</b>							<b>NR<sup>2</sup></b>			
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
<b>Terbacil</b>							<b>&lt;1</b>			
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
<b>Thiabendazole</b>							<b>47</b>			
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

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) <sup>3</sup>	NESTI (% ARfD) 2-6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16-44 years
<b>Thiacloprid</b>							22			
Mustard seed	0.1	0.5	Increased	CODEX		Mustard seeds, 0.5 (2007)		<1	<1	Not required
<b>Thiamethoxam</b>							14			
Celery	T0.5	1	Increased	CODEX		Celery, 1 (2011)		4	<1	Not required
<b>Thifensulfuron-methyl</b>							NR <sup>2</sup>			
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
<b>Tolclofos-Methyl</b>							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
<b>Tolfenpyrad</b>							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

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) <sup>3</sup>	NESTI (% ARfD) 2-6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16-44 years
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
<b>Triadimefon</b>							17			
Peppers, chili, dried	0.2	5	Increased	CODEX				1	2	Not required
<b>Triadimenol</b>							11			
Peppers, chili, dried	1	5	Increased	CODEX				1	2	Not required
<b>Trifloxystrobin</b>							28			
Rice	0.05	5	Increased	CODEX				Not required	Not required	Not required
<b>Triazophos</b>							<1			
Coriander, seed	None	0.1	New	CODEX				<1	1	Not required
<b>Valifenalate</b>							<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* MRLs as set out by FSANZ in 2016<sup>1</sup>.

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.

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## 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 <i>All other foods except animal commodities</i>	40.84 g/kg bw/day
Chronic dietary exposure (NEDI) considering existing permissions only	18% of the ADI
Proposed <i>All other foods except animal commodities</i> MRL <sup>1</sup>	0.02 mg/kg
NEDI including <i>All other foods except animal commodities</i> MRL and existing permissions	19% of the ADI
Percentage contribution of <i>All other foods except animal commodities</i> to total chronic dietary exposure	An <i>All other foods except animal commodities</i> 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 <i>All other foods except animal commodities</i> 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 afidopyropen is 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 <i>All other foods except animal commodities</i>	31.49 g/kg bw/day
Chronic dietary exposure (NEDI) considering existing permissions only	4% of the ADI
Proposed <i>All other foods except animal commodities</i> MRL <sup>1</sup>	0.05 mg/kg
NEDI including <i>All other foods except animal commodities</i> MRL and existing permissions	4% of the ADI
Percentage contribution of <i>All other foods except animal commodities</i> to total chronic dietary exposure	An <i>All other foods except animal commodities</i> 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 <i>All other foods except animal commodities</i> 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.
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## 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 0.1 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 0.1 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 <i>All other foods except animal commodities</i>	39.03 g/kg bw/day
Chronic dietary exposure (NEDI) considering existing permissions only	20% of the ADI
Proposed <i>All other foods except animal commodities MRL</i> <sup>1</sup>	0.02 mg/kg
NEDI including <i>All other foods except animal commodities MRL</i> and existing permissions	20% of the ADI
Percentage contribution of <i>All other foods except animal commodities</i> to total chronic dietary exposure	An <i>All other foods except animal commodities MRL</i> 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 <i>All other foods except animal commodities MRL</i> 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 <i>All other foods except animal commodities</i>	37.07 g/kg bw/day

Chronic dietary exposure (NEDI) considering existing permissions only	8% of the ADI
Proposed <i>All other foods except animal commodities</i> MRL <sup>1</sup>	0.05 mg/kg
NEDI including <i>All other foods except animal commodities</i> MRL and existing permissions	10% of the ADI
Percentage contribution of <i>All other foods except animal commodities</i> to total chronic dietary exposure	An <i>All other foods except animal commodities</i> 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 <i>All other foods except animal commodities</i> 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 <i>All other foods except animal commodities</i>	43.46 g/kg bw/day
Chronic dietary exposure (NEDI) considering existing permissions only	37% of the ADI
Proposed <i>All other foods except animal commodities</i> MRL <sup>1</sup>	0.01 mg/kg
NEDI including <i>All other foods except animal commodities</i> MRL and existing permissions	41% of the ADI
Percentage contribution of <i>All other foods except animal commodities</i> to total chronic dietary exposure	An <i>All other foods except animal commodities</i> 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 <i>All other foods except animal commodities</i> 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.
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## 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 <i>All other foods except animal commodities</i>	44.32 g/kg bw/day
Chronic dietary exposure (NEDI) considering existing permissions only	23% of the ADI
Proposed <i>All other foods except animal commodities</i> MRL <sup>1</sup>	0.05 mg/kg
NEDI including <i>All other foods except animal commodities</i> MRL and existing permissions	23% of the ADI
Percentage contribution of <i>All other foods except animal commodities</i> to total chronic dietary exposure	An <i>All other foods except animal commodities</i> 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 <i>All other foods except animal commodities</i> 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 <i>All other foods except animal commodities</i>	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 <i>All other foods except animal commodities</i> MRL <sup>2</sup>	0.04 mg/kg
NEDI including <i>All other foods except animal commodities</i> MRL and existing permissions	2 % of the ADI
Percentage contribution of <i>All other foods except animal commodities</i> to total chronic dietary exposure	An <i>All other foods except animal commodities</i> 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 <i>All other foods except animal commodities</i> 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 <i>All other foods except animal commodities</i>	45.22 g/kg bw/day
Chronic dietary exposure (NEDI) considering existing permissions only	5% of the ADI
Proposed <i>All other foods except animal commodities</i> MRL <sup>1</sup>	0.05 mg/kg
NEDI including <i>All other foods except animal commodities</i> MRL and existing permissions	6% of the ADI
Percentage contribution of <i>All other foods except animal commodities</i> to total chronic dietary exposure	An <i>All other foods except animal commodities</i> 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 <i>All other foods except animal commodities</i> 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.

## Fenzaquin

Fenzaquin 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 <i>All other foods except animal commodities</i>	41.47 g/kg bw/day
Chronic dietary exposure (NEDI) considering existing permissions only	15 % of the ADI

Proposed <i>All other foods except animal commodities</i> MRL <sup>1</sup>	0.02 mg/kg
NEDI including <i>All other foods except animal commodities</i> MRL and existing permissions	15% of the ADI
Percentage contribution of <i>All other foods except animal commodities</i> to total chronic dietary exposure	An <i>All other foods except animal commodities</i> 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 <i>All other foods except animal commodities</i> 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 <i>All other foods except animal commodities</i>	43.3 g/kg bw/day
Chronic dietary exposure (NEDI) considering existing permissions only	2 % of the ADI



Proposed <i>All other foods except animal commodities</i> MRL <sup>1</sup>	0.05 mg/kg
NEDI including <i>All other foods except animal commodities</i> MRL and existing permissions	2 % of the ADI
Percentage contribution of <i>All other foods except animal commodities</i> to total chronic dietary exposure	An <i>All other foods except animal commodities</i> 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 <i>All other foods except animal commodities</i> 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 <i>All other foods except animal commodities</i>	37.9 g/kg bw/day
Chronic dietary exposure (NEDI) considering existing permissions only	2% of the ADI
Proposed <i>All other foods except animal commodities</i> MRL <sup>1</sup>	0.05 mg/kg
NEDI including <i>All other foods except animal commodities</i> MRL and existing permissions	3% of the ADI
Percentage contribution of <i>All other foods except animal commodities</i> to total chronic dietary exposure	An <i>All other foods except animal commodities</i> 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 <i>All other foods except animal commodities</i> 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 <i>All other foods except animal commodities</i>	42.7 g/kg bw/day
Chronic dietary exposure (NEDI) considering existing permissions only	22 % of the ADI
Proposed <i>All other foods except animal commodities</i> MRL <sup>1</sup>	0.05 mg/kg
NEDI including <i>All other foods except animal commodities</i> MRL and existing permissions	23 % of the ADI

Percentage contribution of <i>All other foods except animal commodities</i> to total chronic dietary exposure	An <i>All other foods except animal commodities</i> 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 <i>All other foods except animal commodities</i> 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.

## **Quinoxifen**

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for quinoxifen 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 0.5 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 <i>All other foods except animal commodities</i>	44.20 g/kg bw/day
Chronic dietary exposure (NEDI) considering existing permissions only	1% of the ADI
Proposed <i>All other foods except animal commodities</i> MRL <sup>1</sup>	0.02 mg/kg
NEDI including <i>All other foods except animal commodities</i> MRL and existing permissions	1% of the ADI
Percentage contribution of <i>All other foods except animal commodities</i> to total chronic dietary exposure	An <i>All other foods except animal commodities</i> 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 <i>All other foods except animal commodities</i> 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.