FOOD STANDARDS Australia New Zealand
Te Mana Kounga Kai – Ahitereiria me Aotearoa

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Supporting document 1

Proposal M1023 – 2024 MRL Harmonisation Proposal

Risk assessment and proposed MRL changes

Executive summary

Proposal M1023 aims to align maximum residue limits (MRLs) for agricultural and veterinary (agvet) chemicals listed in Schedule 20 of the Australia New Zealand Food Standards Code (the Code).

Following a 3 month call for requests that closed on 6 December 2024, FSANZ received requests from 12 stakeholders seeking harmonisation to Codex and trading partner MRLs. Requests were also received from the Australian Pesticides and Veterinary Medicines Authority (APVMA) for MRL reductions and deletions, conversion of existing MRLs to temporary status, and corrections to commodity names.

FSANZ also considered Codex MRLs recommended by the 2024 Codex Committee on Pesticide Residues (CCPR) and adopted at the 2024 Codex Alimentarius Commission (CAC) meeting. In total, FSANZ considered MRL changes for 217 agvet chemicals and 526 chemical-commodity combinations.

Requests were received for 20 chemicals not currently listed in Schedule 20. Of these, 2 were accepted for consideration. The remaining chemicals were excluded due to the absence of appropriate Health-Based Guidance Values (HBGVs), making them unsuitable for inclusion in the harmonisation process. No antibiotics were considered under this proposal.

For requests to increase an existing MRL or establish a new one, FSANZ conducted a dietary exposure assessment (DEA) using Australian food consumption data. This assessment follows internationally accepted methodologies and forms part of the APVMA's risk assessment framework for approving and registering agricultural chemical products in Australia. It is the process used by both FSANZ and APVMA to establish and review MRLs in Schedule 20 of the Code.

As part of the DEA, chronic (long-term/life-time) exposure to each chemical was assessed. Acute (short-term) exposure assessments were undertaken only where a HBGV for short-term effects was established. Acute risk assessments focused on children and the general population and included women of childbearing age (16–44 years) where relevant.

An additional assessment was conducted for chemicals considered under Proposal M1023 to determine their suitability for 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. This process followed principles outlined in Proposal P1027 – Managing Low-level Ag & Vet Chemicals without Maximum Residue Limits. The proposed MRLs for this category allow for low-level inadvertent residues from legitimate use while remaining low enough to limit potential off-label use.

Dietary exposure estimates for all chemicals with proposed MRLs under M1023 were below relevant health-based guidance values, indicating negligible health and safety concerns for Australian consumers. Details of proposed MRL changes, origin of requests, commodity descriptions, Codex comparisons and dietary exposure estimates are provided in Appendix 1, while summaries of reviewed or proposed *All other foods except animal food commodities* MRLs are in Appendix 2.

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Glossary of terms

ADI	Acceptable daily intake
agvet	Agricultural and veterinary chemical
AMR	Antimicrobial resistance
APVMA	Australian Pesticides and Veterinary Medicines Authority
ARfD	Acute reference dose
The Code	Australian New Zealand Food Standards Code
Codex	Codex Alimentarius Commission
DEA	Dietary exposure assessment
HBGV	Health-Based Guidance Value
JECFA	Joint Food and Agriculture Organization / World Health Organization Expert Committee on Food Additives
JMPR	Joint Food and Agriculture Organization / World Health Organization Meeting on Pesticide Residues
MRL	Maximum residue limit
NEDI	National estimated daily intake
NESTI	National estimated short-term intake
NNPAS	National Nutrition and Physical Activity Survey
STMR	Supervised trials median residue

Introduction

FSANZ initiated Proposal M1023 in which 12 stakeholders sought harmonisation of maximum residue limits (MRLs) in Schedule 20 of the Australia New Zealand Food Standards Code (the Code) with those adopted by various trading partners or Codex Alimentarius. These MRLs reflect legitimate international uses of approved agricultural and veterinary (agvet) chemicals in food production. Additionally, FSANZ received a request from the Australian Pesticides and Veterinary Medicines Authority (APVMA), which proposed to remove or reduce certain MRLs that may impact food importers.

FSANZ also considered Codex MRLs recommended by the 55th session of the Codex Committee on Pesticide Residues (CCPR) in 2024 and adopted at the 2024 Codex Alimentarius Commission (CAC) meeting[1]. In total, FSANZ considered MRL changes for 217 agvet chemicals across 526 chemical–commodity combinations.

For each chemical considered under this proposal, FSANZ either conducted an assessment to establish an *All other foods except animal food commodities* MRL or reviewed an existing one. The assessment and assignment of this MRL category followed the principles outlined in Proposal P1027 – Managing Low-level Ag & Vet Chemicals without Maximum Residue Limits[2].

The safety assessment methodologies applied are consistent with internationally accepted practices, the APVMA's risk assessment framework for the approval and registration of agricultural chemical products in Australia, and the established processes used by both APVMA and FSANZ for setting and reviewing MRLs in Schedule 20.

Pre-assessment chemical and MRL review

Consideration of chemicals not listed in Schedule 20

FSANZ considered MRL requests for 20 agvet chemicals that are not currently listed in Schedule 20 (Table 1). To be included in the MRL harmonisation proposal, each chemical must have Health-Based Guidance Values (HBGVs) established by either the APVMA, Joint Food and Agriculture Organization / World Health Organization Meeting on Pesticide Residues (JMPR) or Joint Food and Agriculture Organization / World Health Organization Expert Committee on Food Additives (JECFA) as outlined in Section 4.2.2 of the Guide to submitting requests for maximum residue limit (MRL) harmonisation proposals[3] (the Guide).

Requestors seeking alignment of imported food MRLs for the chemicals not able to be included in the harmonisation proposal due to lack of an appropriate HBGV have the option of a submission through the FSANZ application process or re-submitting through subsequent MRL harmonisation proposals, provided the appropriate HBGVs are established.

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[1] The 55th Session of the Codex Committee on Pesticide Residues (CCPR55). https://www.fao.org/fao-who-codexalimentarius/meetings/detail/en/?meeting=CCPR&session=55 and the 47th Session of the Codex Alimentarius Commission (CAC47). https://www.fao.org/fao-who-codexalimentarius/meetings/detail/pl/?meeting=CAC&session=47.. Accessed 8 October 2025

[2] P1027 - Managing Low-level Ag & Vet Chemicals without Maximum Residue Limits. https://www.foodstandards.gov.au/food-standards-code/proposals/P1027. Accessed 8 October 2025

[3] Guide to submitting requests for maximum residue limit (MRL) harmonisation proposals. https://www.foodstandards.gov.au/publications/Guide-for-Submitting-Requests-for-MRL-Proposals. Accessed 8 October 2025.

Table 1: Requests received for chemicals not yet listed in Schedule 20

Agvet chemical	Decision
Acrinathrin	No health-based guidance value from acceptable source
Benzalkonium	No health-based guidance value from acceptable source
Bistrifluron	No health-based guidance value from acceptable source
Chlorfluazuron	No microbiological-based guidance value from acceptable source
Chlorimuron-ethyl	No health-based guidance value from acceptable source
Chromafenozide	No health-based guidance value from acceptable source
Copper Carbonate	No health-based guidance value from acceptable source
Copper hydroxide	No health-based guidance value from acceptable source
Copper oxide	No health-based guidance value from acceptable source
Copper oxine	No health-based guidance value from acceptable source
Copper oxychloride	No health-based guidance value from acceptable source
Copper sulfate	No health-based guidance value from acceptable source
Fenthion	No microbiological-based guidance value from acceptable source
Formetanate hydrochloride	No health-based guidance value from acceptable source
Isoflucypram	Chemical meets harmonisation requirements
Methanearsonic acid	No health-based guidance value from acceptable source
Spidoxamat	No health-based guidance value from acceptable source
Sulfentrazone	No health-based guidance value from acceptable source
Sulfometuron-methyl	No microbiological-based guidance value from acceptable source
Tricyclazole	Chemical meets harmonisation requirements

Microbiological and toxicological review of new chemicals

Of the 20 chemicals submitted for consideration in M1023, 15 lacked HBGVs from acceptable sources, and 3 had insufficient evidence that microbiological effects were considered in their HBGV derivation. As outlined in the Guide, FSANZ gives particular attention to requests involving agvet chemicals, including antimicrobials, assessing them individually in consultation with the APVMA. Based on this analysis, Isoflucypram and Tricyclazole met the FSANZ MRL policy criteria specified in the Guide and were therefore considered for inclusion in the proposal.

A microbiological assessment confirmed that Isoflucypram and Tricyclazole are not currently listed as high or medium importance antimicrobials to human health[4]. While microbiological HBGVs were considered by JMPR, no microbiological HBGVs have been established. JMPR was unable to identify data for antimicrobial activity or impact on the human gut microbiome. FSANZ was also unable to identify evidence of more conservative HBGVs that have considered microbiological effects or further evidence of the need for microbiological HBGVs.

FSANZs own assessment of Isoflucypram and Tricyclazole did not identify any additional toxicological hazards. The APVMA confirmed that these chemicals are not currently registered or have approved uses in Australia and are therefore not part of their chemical

[4] Importance ratings and summary of antibacterial uses in human and animal health in Australia, June 2018, Office of Health Protection, Australian Government Department of Health, Canberra. https://www.amr.gov.au/resources/importance-ratings-and-summary-antibacterial-uses-human-and-animal-health-australia. Accessed 21 October 2025

review program[5]. The requests for MRL harmonisation associated with these 2 chemicals proceeded to the dietary exposure assessment (DEA) stage.

Three chemicals - chlorfluazuron, fenthion, and sulfometuron - were deemed not suitable for harmonisation due to insufficient evidence that microbiological effects were considered in the derivation of HBGVs. FSANZ conducted targeted literature searches using the Web of Science database[6] to identify any links between these chemicals and microbiological endpoints, including terms such as “antimicrobial,” “microbiome,” “bacteria,” and related keywords. These searches revealed:

- Chlorfluazuron and fenthion: No studies were identified that examined the impact of residues on human intestinal bacteria. Neither chemical is known to possess antimicrobial activity.
- Sulfometuron-methyl: *In vitro* studies demonstrated broad antimicrobial activity, particularly via inhibition of the acetolactate synthase (ALS) enzyme, which is present in various microorganisms including bacteria and yeasts. However, no direct studies on human gut microbiota were found.

While chlorfluazuron and fenthion lack known antibiotic action, sulfometuron-methyl’s ALS-inhibiting mechanism raises concerns about potential microbiological effects *in vivo*. Importantly, for all 3 chemicals, the absence of identified evidence does not imply the absence of public health risk. Each of the 3 chemicals require further data or evaluation through a dedicated risk assessment before their potential suitability for harmonisation can be determined.

None of the 3 chemicals - chlorfluazuron, fenthion, or sulfometuron-methyl - had an ADI or other HBGV derived with microbiological endpoints in mind. Past evaluations by JMPR and APVMA did not consider antimicrobial activity or impact on gut flora. Therefore, in the absence of consideration of microbiological effects by a competent authority, the proposed HBGVs cannot be deemed sufficient to mitigate risk based on current scientific knowledge. For these reasons, the agvet chemicals chlorfluazuron, fenthion and sulfometuron-methyl were deemed unsuitable for inclusion in the proposal.

Chemical captured by another chemical entry in Schedule 20

Azocyclotin is captured by cyhexatin, carbosulfan by carbofuran, lambda cyhalothrin by cyhalothrin, mepiquat chloride by mepiquat and s-metolachlor by metolachlor in Schedule 20. There is no requirement to add new entries for these chemicals.

Chemical not permitted for use at food commodity source

Requests were received seeking harmonisation for 28 agvet chemicals for mustard seed MRLs listed in the EU, where the chemicals were determined to have no permission for use in the food commodity source country. As stipulated in Section 4.2.1 in the Guide, FSANZ will only consider requests to harmonise MRLs in the Code where the MRL has been established by the chemical regulator that sets permissions of use in the country or jurisdiction where the food commodity is grown or produced. These MRL harmonisation requests were excluded from the M proposal.

[5]. The APVMA Chemical Review program. https://www.apvma.gov.au/regulation/chemical-review. Accessed 8 October 2025.
[6] https://www.webofscience.com/wos/woscc/smart-search

Chemicals under review by APVMA

Requests were received seeking harmonisation to commodity MRLs for acetamiprid, clothianidin, dinotefuran and thiamethoxam. Reviews of these chemicals by the APVMA were in progress at the time of preparing this proposal, therefore the MRL requests were excluded. Once the APVMA has published and implemented the final regulatory decisions, requestors are encouraged to resubmit their requests, if still applicable.

Chemicals and Chemical-commodity combinations already listed in Schedule 20

FSANZ received requests for 12 chemicals and 21 chemical-commodity combination MRLs where the chemicals or chemical-commodity MRLs are already covered by the Code. These requests were excluded from the M proposal.

Consideration of recently adopted Codex MRLs

FSANZ undertook a review of the MRLs proposed by the 2024 CCPR and adopted by the 47th session of the CAC[7]. There are specific criteria applied to this review before a Codex MRL will be accepted for inclusion in the harmonisation proposal. The criteria includes that the MRL is:

- higher than the relevant existing Schedule 20 MRL
- higher than a harmonisation request to align with another trading partner MRL
- higher than an existing *All other foods except animal food commodities* MRL
- at the same limit as a temporary ('T') status MRL for the same commodity/group
- supported by the APVMA, and
- supported by acceptable DEA results.

Where Codex is revoking an MRL and this deletion would remove an MRL for a domestically approved use pattern for a registered chemical, FSANZ would not proceed with the deletion unless it was supported and agreed by the APVMA. Similarly, if a food commodity MRL proposed to be deleted by Codex is an existing Schedule 20 MRL because 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.

Not all recently adopted Codex MRLs progressed to the stage of dietary exposure estimates during the risk assessment process for M1023. Codex MRLs determined suitable for inclusion proceeded through the same DEA process as for all other requests.

The dietary exposure assessments

Chronic dietary exposure assessments

The national estimated daily intake (NEDI) is a measure of chronic dietary exposure, calculated on a daily basis. It estimates the amount of chemical residues consumed through food commodities resulting from approved agricultural chemical uses across a lifetime or long-term.

[7] The 55th Session of the Codex Committee on Pesticide Residues (CCPR55). https://www.fao.org/fao-who-codexalimentarius/meetings/detail/zh/?meeting=CCpr&session=55 and the 47th Session of the Codex Alimentarius Commission (CAC47). https://www.fao.org/fao-who-codexalimentarius/meetings/detail/pl/?meeting=CAC&session=47.Accessed 8 October 2025.

In chronic dietary exposure assessments, the chemical residues in all the food commodities that could result from the permitted use of the agricultural chemicals are considered.

The NEDI is calculated by summing the mean exposures from each food commodity to determine total mean dietary exposure and divided by the mean body weight for the population to provide the amount of chemical consumed per kilogram of body weight per day (g/kg bw/day) for the Australian population. This result is then compared to the acceptable daily intake (ADI) established for the chemical.

The NEDI calculation may be refined using more specific data as appropriate. The calculation may also consider the proportion of treated crops, residues in edible parts, and how processing or cooking affects residue levels. Chemical concentration data from monitoring and surveillance activities or Australian Total Diet Studies may also be used if necessary.

In the absence of specific residue data for refinements, FSANZ applies a conservative approach using the MRL value. However, this can significantly overestimate exposure, as it assumes:

- all crops with registered uses are treated,
- treatment occurs at the maximum application rate,
- the maximum number of treatments is applied,
- the minimum withholding period is observed, and
- the entire food supply contains residues at the MRL level.

In practice, only a portion of crops are treated, residue levels are typically lower at harvest and further reduced through storage, processing, and cooking well below the MRL. It is also unlikely that every food with a proposed MRL is consistently treated with the same pesticide throughout a consumer's lifetime. Despite this, FSANZ adopts a protective stance in risk assessments, especially when data to refine exposure estimates are unavailable.

The NEDI presented as a percent of the ADI in Appendix 1 include 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 dietary exposure assessments

The national estimated short-term intake (NESTI) is used to estimate acute (short-term) dietary exposure. Acute DEAs are conducted when the APVMA has established an acute reference dose (ARfD) for a chemical or has advised the appropriate use of a Joint FAO/WHO Meeting on Pesticide Residues (JMPR) ARfD. The established ARfD is used for NESTI assessments for the population aged 2 years and above and children 2–6 years old. An acute DEA is only undertaken for women of childbearing age (16–44 years old) 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 instead of 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 may consider the highest residue found in a composite sample of edible portions, supervised trials median residue (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) when relevant.

The equations for calculating the NESTI vary depending on the type and size of the commodity and follow internationally agreed methods. These calculations estimate exposure

from individual food commodities (e.g. wheat) and also consider processed foods containing those commodities (e.g. bread, apple pie).

Unlike NEDI, NESTI calculations are performed separately for each commodity individually; there is no summing of exposures across foods. The estimated exposure for each individual food is compared to the ARfD. Where a NESTI calculation is undertaken for a specific population sub-group (e.g. children or women of child-bearing age) food consumption data for that particular sub-group is used.

Food consumption data used in the dietary exposure assessments

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 g/kg bw/day for the whole population aged 2 years and above, where each individual's consumption of a commodity is divided by their own body weight before the summary population statistics are derived.

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

NESTI calculation

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

Similar to the data set used for the NEDI, 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=15,470) with a single day of food recall data. The 97.5th percentile of consumption represents a high consumer of the particular food commodity from a single meal or over a 24-hour period, and is also termed the 'large portion'. For the calculations used by FSANZ, consumption from a 24-hour period is used.

Acute dietary exposure assessments are undertaken for the general population but also for some population sub-groups, including children. This may also apply when ARfDs for chemicals are set for specific population sub-groups, such as women of childbearing age. 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).

All other foods except animal food commodities MRLs

All agvet chemicals requiring a DEA were evaluated for their suitability to establish MRLs for *All other foods except animal food commodities*, as detailed in Appendix 2. This evaluation followed the principles outlined in Proposal P1027, considering both chronic and, where applicable, acute dietary exposures. The proposed MRLs are designed to be sufficiently high to account for the inadvertent presence of residues resulting from legitimate chemical use, yet low enough to discourage and limit the potential for 'off-label' application. This approach aligns with the APVMA's risk assessment framework for approving and registering agvet chemical products and is consistent with FSANZ's methodology for establishing MRLs in the Code.

Under P1027, FSANZ indicated that chemicals would be assessed for inclusion in the *All other foods except animal food commodities* MRL category as part of ongoing amendments to Schedule 20 of the Code. These amendments to Schedule 20 are undertaken by the APVMA (based on chemical registration applications, APVMA reviews) and by FSANZ (via the annual MRL harmonisation process). In addition to evaluating agvet chemicals requested in the harmonisation proposal where an *All other foods except animal food commodities* MRLs have not yet been established, FSANZ is progressing this consideration for all remaining chemicals listed in Schedule 20 to apply the same consideration, as resources permit. Resources do not allow all of them to be considered all at once.

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

- the agvet chemical is not currently listed in Schedule 20
- the active constituent (agvet chemical) is not registered for use in Australia
- the active constituent is listed only in Schedule 7 of the Poisons Standard of the Therapeutic Goods Administration
- the agvet chemical is primarily used as a veterinary medicine
- the agvet chemical has an Extraneous Residue Limit listed in Schedule 21
- the 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 *all other foods except animal food 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*.

Other proposed changes to MRL-related standards

During the MRL harmonisation process, FSANZ may take the opportunity to correct inadvertent errors identified in standards related to agvet chemicals. In regard to Schedule 20, there can be several compilations of the Schedule prepared by APVMA during the time period of a typical MRL harmonisation proposal. While the two agencies work collaboratively, typographical, formatting and transcription errors can arise.

For the chemicals listed in Table 2, FSANZ proposes to amend the commodity description for pome fruits by removing the exception list. Specifically, the entry would change from "pome

fruits [except Persimmon, Japanese]" to "pome fruits". This proposed revision is based on stakeholder feedback.

Table 2: Proposed deletion of exception from pome fruits entry

Chemical		
Acequinocyl	Fenoxycarb	Metamitron
Afidopyropen	Flonicamid	Myclobutanil
Benzovindiflupyr	Fluquinconazole	Paclobutrazol
Bifenazate	Flutriafol	Pydiflumetofen
Captan	Hexythiazox	Pyraclostrobin
Carbaryl	Imazalil	Pyridaben
Cyflumetofen	Indoxacarb	Pyrimethanil
Cyprodinil	Iprodione	Tebufenozide
Difenoconazole	Isofetamid	Tebufenpyrad
Dodine	Lufenuron	Triforine
Ethion	Mefentrifluconazole	
Fenbutatin oxide	Metalaxyl	

FSANZ is proposing some adjustments to some of the exceptions in the commodity entries, as well as correcting the formatting and typographical errors. The proposed variations for the Schedule 20 changes are presented in Table 3.

The presentation of the information in Table 2 and Table 3 is to ensure transparency for stakeholders who may be impacted by the proposed changes and takes into consideration potential amendments to Schedule 20 which may occur concurrently through FSANZ Code Maintenance Proposal P1065[8].

[8] FSANZ Code Maintenance Proposal (CMP) P1065: https://www.foodstandards.gov.au/sites/default/files/2025-11/P1065%20Call%20for%20submissions.pdf (accessed 15 December 2025)

Table 3: Proposed variations to Schedule 20 to enact corrections and adjust the exceptions list

Chemical	Pre-M1023 MRL (mg/kg)	Post-M1023 MRL (mg/kg)	Reason for Change
Bifenthrin	Lemon balm 10	Balm, leaves 10	To align commodity name with Codex and APVMA
Bifenthrin	Lemon grass T10	Lemongrass T10	To align commodity name with Codex and APVMA
Broflanilide	Brassica vegetables (except Brassica leafy vegetables) [except cabbages, head] 0.5	Brassica vegetables (except Brassica leafy vegetables) [except cabbages, head; Chinese cabbage (type pe-tsai)] 0.5	Adjusting the exception list
Carfentrazone-ethyl	Berries and other small fruits [except blueberries; grapes] *0.05	Berries and other small fruits [except blueberries; grapes; low growing berries] *0.05	Adjusting the exception list
Chlorantraniliprole	Stone fruits [except cherries (subgroup); plums (subgroup)] 4	Stone fruits [except cherries; plums] 4	Adjusting the exception list
Cypermethrin	Berries and other small fruits [except blackberries; blueberries; grapes; raspberries, red, black] 0.5	Berries and other small fruits [except blackberries; bush berries; grapes; raspberries, red, black] 0.5	Adjusting the exception list
Cyprodinil	Egg plant T0.2	Eggplant T0.2	Correcting the commodity name as per Schedule 22
Difenoconazole	Cereal grains [except rice; sweet corns] *0.01	Cereal grains [except maize cereals; maize flour; maize gluten; rice, sweet corns] *0.01	Adjusting the exception list
Difenoconazole	Root and tuber vegetables [except celeriac; potato] 0.5	Root and tuber vegetables [except celeriac; potato; radish; sweet potato] 0.5	Adjusting the exception list

Chemical	Pre-M1023 MRL (mg/kg)	Post-M1023 MRL (mg/kg)	Reason for Change
Flonicamid	Mustard seeds T0.5	Mustard seed T0.5	Correcting the commodity name as per Schedule 22
Fluazifop-p-butyl	Lotus Root T3	Lotus tuber T3	Correcting the commodity name as per Schedule 22
Fluazifop-p-butyl	Root and tuber vegetables [except lotus root; potato; sweet potato; taro; water chestnut; yam bean; yams] 1	Root and tuber vegetables [except lotus tuber; potato; sweet potato; taro; water chestnut; yam bean; yams]. 1	Correcting the commodity name (within the exception list) as per Schedule 22
Fludioxonil	Egg plant T0.2	Eggplant T0.2	Correcting the commodity name as per Schedule 22
Fluopyram	Cereal grains [except rice; sweet corns] 0.03	Cereal grains [except barley; buckwheat; oats; rice; rye; sorghum, grain; triticale; wheat; wheat bran; wheat germ] 0.03	Adjusting the exception list
Fluopyram	Sweet Potato 0.02	Sweet potato 0.02	Correcting the commodity name as per Schedule 22
Fluquinconazole	Mustard seeds T*0.01	Mustard seed T*0.01	Correcting the commodity name as per Schedule 22
Flutriafol	Cereal grains [except barley and sweet corns] 0.1	Cereal grains [except barley; sweet corns] 0.1	Correction of exceptions list
Flutriafol	Mustard seeds T0.07	Mustard seed T0.07	Correcting the commodity name as per Schedule 22
Flutriafol	Oilseeds and oilfruits [except mustard seeds; oilfruits; peanut; rape seed (canola)] 0.05	Oilseeds and oilfruits [except mustard seed; oilfruits; peanut; rape seed (canola)] 0.05	Correcting the commodity name (within the exception list) as per Schedule 22

Chemical	Pre-M1023 MRL (mg/kg)	Post-M1023 MRL (mg/kg)	Reason for Change
Glyphosate	Monstero *0.05	Monstera *0.05	Correcting the commodity name as per Schedule 22
Imazapyr	Mustard seeds T*0.05	Mustard seed T*0.05	Correcting the commodity name as per Schedule 22
Indoxacarb	Egg plant 0.05	Eggplant 0.5	Correcting the commodity name as per Schedule 22
Iprodione	Berries and other small fruits [except blackberries; blueberries; grapes] 12	Berries and other small fruits [except blueberries; cane berries; grapes] 12	Adjusting the exception list
Iprodione	Egg plant T1	Eggplant T1	Correcting the commodity name as per Schedule 22
Isocycloseram	Citrus fruits 0.2	Citrus fruits [except lemons and limes; mandarins; oranges, sweet, sour; pummelos and grapefruits] 0.2	Adjusting the exception list
Isocycloseram	Coriander, roots T8	Coriander root T8	Correcting the commodity name as per Schedule 22
Isocycloseram	Coriander, seed T8	Coriander seed T8	Correcting the commodity name as per Schedule 22
Isocycloseram	Fruiting vegetables, other than cucurbits 0.2	Fruiting vegetables, other than cucurbits [except eggplant; peppers, chilli; peppers, sweet; tomato] 0.2	Adjusting the exception list
Isofetamid	Peaches (including nectarines and apricots) 3	Peaches (including apricots and nectarines) 3	Correction of exception list order

Chemical	Pre-M1023 MRL (mg/kg)	Post-M1023 MRL (mg/kg)	Reason for Change
Lufenuron	Oranges, sweet, sour 0.3	Oranges, sweet, sour (subgroup) 0.3	Correction of subgroup name as per Schedule 22
Mefentrifluconazole	Barley, similar grains, and pseudocereals with husks 4	Barley, similar grains, and pseudocereals with husks [except barley bran, unprocessed; barley flour] 4	Adjusting the exception list
Mefentrifluconazole	Cottonseed 0.2	Cotton seed 0.2	Correcting the commodity name as per Schedule 22
Mefentrifluconazole	Plums 2	Plums [except dried prunes] 2	Adjusting the exception list
Mefentrifluconazole	Sunflower seeds 0.15	Sunflower seed 0.15	Correcting the commodity name as per Schedule 22
Mefentrifluconazole	Wheat (subgroup) 0.4	Wheat [except wheat bran, unprocessed; wheat germ] 0.4	Adjusting the exception list
Metalaxyl or Metalaxyl-M (Mefenoxam)	Herbs [except basil; basil, dry; parsley] 3	Herbs [except basil; basil, dry; hops, dry; parsley] 3	Adjusting the exception list
Napropamide	Mustard seeds T*0.01	Mustard seed T*0.01	Correcting the commodity name as per Schedule 22
Pendimethalin	Berries and other small fruits [except blueberries] *0.05	Berries and other small fruits [except blueberries; low growing berries] *0.05	Adjusting the exception list
Phorate	Coriander, seed 0.1	Coriander seed 0.1	Correcting the commodity name as per Schedule 22
Phosmet	Lemon 5	Lemons 5	Correcting the commodity name as per Schedule 22

Chemical	Pre-M1023 MRL (mg/kg)	Post-M1023 MRL (mg/kg)	Reason for Change
Pydiflumetofen	Berries and other small fruits [except blueberries; grapes; strawberry]] 3	Berries and other small fruits [except blueberries; grapes; strawberry] 3	Correction of commodity name (removal of extra bracket)
Pydiflumetofen	Leafy vegetables 15	Leafy vegetables [except broccoli, Chinese (Gai lan)] 15	Adjusting the exception list
Pydiflumetofen	Maize 0.04	Maize [except maize flour; maize oil, edible] 0.04	Adjusting the exception list
Pydiflumetofen	Mustard seeds T0.05	Mustard seed T0.05	Correcting the commodity name as per Schedule 22
Pydiflumetofen	Potato *0.01	Potato [except dried potato] *0.01	Adjusting the exception list
Pydiflumetofen	Tomato T0.7	Tomato [except dried tomato] T0.7	Adjusting the exception list
Pyraclostrobin	Common beans (succulent seeds) 0.3	Common bean (succulent seeds) 0.3	Correcting the commodity name as per Schedule 22
Pyraclostrobin	Grapes 2	Grapes [except dried grapes] 2	Adjusting the exception list
Pyraclostrobin	Lemon 0.7	Lemons 0.7	Correcting the commodity name as per Schedule 22
Pyraclostrobin	Olives for oil production T0.3	Olives, for oil production T0.3	Correcting the commodity name as per Schedule 22
Pyraclostrobin	Stone fruits [except jujube, Chinese] 2.5	Stone fruits [except cherries; jujube, Chinese] 2.5	Adjusting the exception list
Pyraclostrobin	Tree nuts [except pistachio nut and walnut] 0.07	Tree nuts [except pistachio nut; walnuts] 0.07	Adjusting the exception list

Chemical	Pre-M1023 MRL (mg/kg)	Post-M1023 MRL (mg/kg)	Reason for Change
Pyraclostrobin	Walnut T0.01	Walnuts T0.01	Correcting the commodity name as per Schedule 22
Pyrimethanil	Berries and other small fruits [except blueberries; grapes; strawberry] 15	Berries and other small fruits [except blueberries; grapes [except table grapes]; strawberry; table grapes] 15	Adjusting the exception list
Pyrimethanil	Citrus fruits [except lemon] 10	Citrus fruits [except lemons] 10	Correcting the commodity name as per Schedule 22
Pyrimethanil	Common bean 3	Common bean (pods and/or immature seeds) 3	Correcting the commodity name as per Schedule 22
Pyrimethanil	Grapes 5	Grapes [except table grapes] 5	Adjusting the exception list
Pyrimethanil	Lemon 11	Lemons 11	Correcting the commodity name as per Schedule 22
Pyriproxyfen	Olives for oil production 1	Olives, for oil production 1	Correcting the commodity name as per Schedule 22
Pyriproxyfen	Peppers, chilli, dried) 6	Peppers, chilli, dried 6	Correction of commodity name (removal of extra bracket)
Pyroxasulfone	Cereal grains [except maize; popcorn and sweet corns] *0.02	Cereal grains [except maize; popcorn; sweet corns] *0.02	Adjusting the exception list
Quizalofop-P-tefuryl	Currents, black, red, white *0.05	Currants, black, red, white *0.05	Correcting the commodity name as per Schedule 22
Quizalofop-P-tefuryl	Mustard seeds T*0.02	Mustard seed T*0.02	Correcting the commodity name as per Schedule 22
S-metolachlor	Dill, seed *0.05	Dill seed *0.05	Correcting the commodity name as per Schedule 22

Chemical	Pre-M1023 MRL (mg/kg)	Post-M1023 MRL (mg/kg)	Reason for Change
S-metolachlor	Mustard seeds *0.02	Mustard seed *0.02	Correcting the commodity name as per Schedule 22
S-metolachlor	Fennel, seed *0.05	Fennel seed *0.05	Correcting the commodity name as per Schedule 22
Spinetoram	Cacao beans *0.01	Cacao bean *0.01	Correcting the commodity name as per Schedule 22
Spinetoram	Fennel, seed 5	Fennel seed 5	Correcting the commodity name as per Schedule 22
Spinetoram	Lemon grass 5	Lemongrass 5	Correcting the commodity name as per APVMA commodity name
Spinetoram	Mustard seeds T*0.01	Mustard seed T*0.01	Correcting the commodity name as per Schedule 22
Spinetoram	Olives for oil production T0.07	Olives, for oil production T0.07	Correcting the commodity name as per Schedule 22
Spinetoram	Peaches (including nectarines and apricots) 0.3	Peaches (including apricots and nectarines) 0.3	Correction of commodity name (alphabetical order)
Spinetoram	Stalk and stem vegetables [except fennel, bulb; celery] 2	Stalk and stem vegetables [except celery; fennel, bulb] 2	Adjusting the exception list
Spiropidion	Potato 1.5	Potato [except potato, flakes/granules] 1.5	Adjusting the exception list
Spiropidion	Tomato 0.8	Tomato [except tomato, dried; tomato, puree] 0.8	Adjusting the exception list

Chemical	Pre-M1023 MRL (mg/kg)	Post-M1023 MRL (mg/kg)	Reason for Change
Sulfoxaflor	Assorted tropical and sub-tropical fruits – inedible peel [except banana and pineapple] 0.5	Assorted tropical and sub-tropical fruits – inedible peel [except banana; pineapple] 0.5	Correcting the commodity name as per Schedule 22
Sulfoxaflor	Mustard seeds T0.15	Mustard seed T0.15	Correcting the commodity name as per Schedule 22
Tetraniliprole	Small fruit vine climbing 1.5	Small fruit vine climbing [except dried grapes] 1.5	Adjusting the exception list
Tetraniliprole	Stone fruits [except cherries] 0.7	Stone fruits [except cherries; prunes] 0.7	Adjusting the exception list
Tiafenacil	Mustard seeds *0.01	Mustard seed *0.01	Correcting the commodity name as per Schedule 22
Trichlorfon	Egg plant T0.5	Eggplant T0.5	Correcting the commodity name as per Schedule 22
Trichlorfon	Rolinia T3	Biriba [Rollinia] T3	Change to commodity name to Biriba [Rollinia]
Trichlorfon	Thai egg plant T0.5	Thai eggplant T0.5	Correcting the commodity name as per Schedule 22

Appendix 1

Results of the dietary exposure assessments for requested MRL changes

For all MRLs proposed in M1023, 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 4. 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 4.

Figure 1: Interpretive guide to the proposed MRL changes

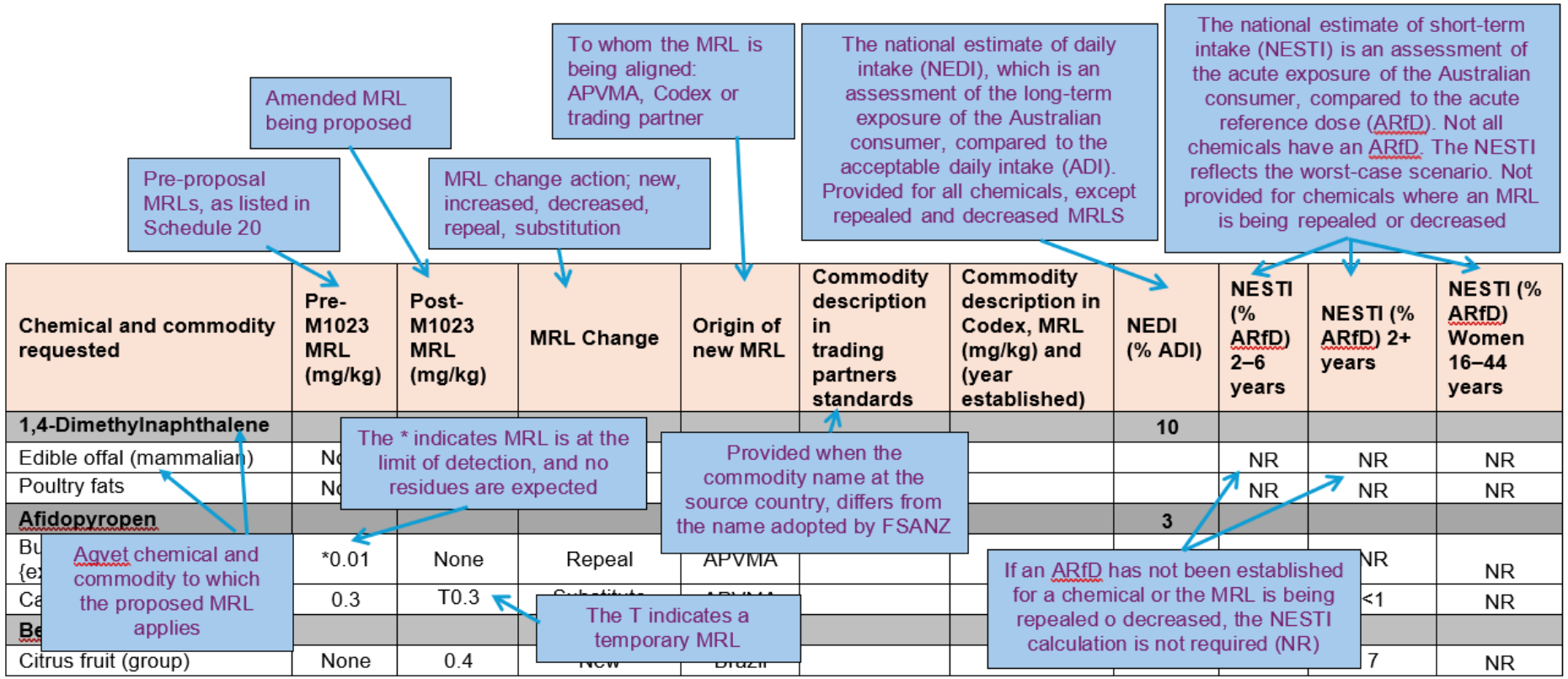

Table 4: Summary of the requested commodities, proposed MRLs progressed and their dietary exposure estimates

Chemical and commodity requested	Pre-M1023 MRL (mg/kg)	Post-M1023 MRL (mg/kg)	MRL Change	Origin of new MRL	Commodity description in trading partners standards	Commodity description in Codex, MRL (mg/kg) and (year established)	NEDI (% ADI)	NESTI (% ARfD) 2–6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16–44 years
1,4-Dimethylnaphthalene							**10**			
Edible offal (mammalian)	None	0.5	New	CCPR55[9]				NR	NR	NR
Eggs	None	0.03	New	CCPR55				NR	NR	NR
Mammalian fats (except milk fats)	None	0.03	New	CCPR55				NR	NR	NR
Meat (mammalian)	None	0.03	New	CCPR55				NR	NR	NR
Milks	None	0.03	New	CCPR55				NR	NR	NR
Poultry fats	None	0.3	New	CCPR55				NR	NR	NR
Poultry meat	None	0.3	New	CCPR55				NR	NR	NR
Poultry, edible offal of	None	0.2	New	CCPR55				NR	NR	NR
Acequinocyl							**30**			
Pome fruits	0.7	0.7	No change	APVMA				50	14	NR
Afidopyropen							**3**			
Bulb vegetables [alliums] {except Chives}	*0.01	None	Repeal	APVMA				NR	NR	NR
Cane berries (subgroup)	0.3	T0.3	Substitute	APVMA				1	<1	NR
Litchi	0.1	None	Repeal	APVMA				NR	NR	NR
Passion fruit	0.1	None	Repeal	APVMA				NR	NR	NR
Pome fruits	0.03	0.03	No change	APVMA				<1	<1	NR
Azoxystrobin							**51**			
Mustard seed	T0.01	1	Increase	EU	yes			NR	NR	NR

[9] CCPR55- Codex committee on pesticide residues, meeting number 55 (2024)

Chemical and commodity requested	Pre-M1023 MRL (mg/kg)	Post-M1023 MRL (mg/kg)	MRL Change	Origin of new MRL	Commodity description in trading partners standards	Commodity description in Codex, MRL (mg/kg) and (year established)	NEDI (% ADI)	NESTI (% ARfD) 2–6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16–44 years
Stone fruits (group)	1.5	2	Increase	USA	Fresh and processed sweet cherries			NR	NR	NR
Benzovindiflupyr							**10**			
Citrus fruit (group)	None	0.4	New	Brazil	Orange Juice Concentrate			20	7	NR
Pome fruits	0.2	0.2	No change	APVMA				11	3	NR
Bifenazate							**73**			
Pome fruits	2	2	No change	APVMA				NR	NR	NR
Bifenthrin							**54**			
Balm, leaves	10	10	Substitute	APVMA				41	21	NR
Citrus fruit (group)	*0.05	0.15	Increase	Brazil	Orange Juice Concentrate			74	27	NR
Lemongrass	T10	T10	Substitute	APVMA				41	1	NR
Boscalid							**70**			
Lupin (dry)	T0.1	T3	Increase	APVMA				NR	NR	NR
Pome fruits	2	2	No change	APVMA				NR	NR	NR
Pomegranate	None	2	New	CCPR55				NR	NR	NR
Broflanilide							**5**			
Chinese cabbage (type pe-tsai)	0.5	2	New	CCPR55				NR	NR	NR
Bromacil							**1**			
Citrus fruit (group)	*0.04	0.1	New	Brazil	Orange Juice Concentrate			NR	NR	NR
Captan							**40**			
Citrus fruit (group)	None	5	New	Brazil	Orange Juice Concentrate			**NR**	**NR**	91
Hops, dry	None	150	New	EU	Hop, dried cones; Hop			**NR**	**NR**	6

Chemical and commodity requested	Pre-M1023 MRL (mg/kg)	Post-M1023 MRL (mg/kg)	MRL Change	Origin of new MRL	Commodity description in trading partners standards	Commodity description in Codex, MRL (mg/kg) and (year established)	NEDI (% ADI)	NESTI (% ARfD) 2–6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16–44 years
					cone pellets; Hop extract					
Pome fruits	10	10	No change	APVMA				**NR**	**NR**	3
Carbaryl							**74**			
Pome fruits	0.2	0.2	No change	APVMA				83	31	NR
Carbendazim							**19**			
Oranges, Sweet, Sour (subgroup)	0.2	1	Increase	Codex	Orange Juice Concentrate			99	36	NR
Carbofuran							**1**			
Cotton seed	0.1	None	Repeal	CCPR55				NR	NR	NR
Oranges, Sweet, Sour (subgroup)	None	0.5	New	Brazil	Orange Juice Concentrate			50	18	NR
Sunflower seed	*0.1	None	Repeal	CCPR55				NR	NR	NR
Carfentrazone-ethyl							**4**			
Low growing berries (subgroup)	None	0.1	New	USA	Fresh and dried cranberries, cranberry juice and juice concentrate			NR	NR	NR
Chlorantraniliprole							**1**			
Mustard seed	None	2	Increase	EU	yes			NR	NR	NR
Root and tuber vegetables (group)	Potato *0.01	0.3	New	USA	Fresh, frozen/chilled, dried, prepared, or preserved: potatoes and/or potato flakes, granules, and pellets			NR	NR	NR

Chemical and commodity requested	Pre-M1023 MRL (mg/kg)	Post-M1023 MRL (mg/kg)	MRL Change	Origin of new MRL	Commodity description in trading partners standards	Commodity description in Codex, MRL (mg/kg) and (year established)	NEDI (% ADI)	NESTI (% ARfD) 2–6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16–44 years
Chlorfluazuron							**3**			
Citrus fruit (group)	None	0.1	New	Brazil	Orange Juice Concentrate			NR	NR	NR
Chlorothalonil							**86**			
Citrus fruit (group)	None	0.5	New	Brazil	Orange Juice Concentrate			4	2	NR
Clofentezine							**22**			
Citrus fruit (group)	None	0.5	New	Codex	Orange Juice Concentrate			NR	NR	NR
Clothianidin							**20**			
Fruiting vegetables, other than cucurbits	T0.7	None	Repeal	CCPR55				NR	NR	NR
Fruiting vegetables, other than cucurbits (group) (except goji berry)	None	0.7	New	CCPR55				9	<1	NR
Goji berry	None	0.06	New	CCPR55				3	<1	NR
Cyantraniliprole							**45**			
Bean (dry)	Beans (dry) 0.3	None	Repeal	CCPR55				NR	NR	NR
Cane berries (subgroup)	None	4	New	CCPR55				NR	NR	NR
Dried grapes	None	3	New	CCPR55				NR	NR	NR
Dry beans (subgroup)	None	0.6	New	CCPR55				NR	NR	NR
Dry peas (subgroup)	None	0.6	New	CCPR55				NR	NR	NR
Eggs	*0.01	0.3	Increase	CCPR55				NR	NR	NR
Grapes	None	2	New	CCPR55				NR	NR	NR

Chemical and commodity requested	Pre-M1023 MRL (mg/kg)	Post-M1023 MRL (mg/kg)	MRL Change	Origin of new MRL	Commodity description in trading partners standards	Commodity description in Codex, MRL (mg/kg) and (year established)	NEDI (% ADI)	NESTI (% ARfD) 2–6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16–44 years
Hops, dry	None	70	New	USA	Hop, dried cones; Hop cone pellets; Hop extract			NR	NR	NR
Tea, green, black (black, fermented and dried)	None	50	New	CCPR55				NR	NR	NR
Wine grapes	1	None	Repeal	CCPR55				NR	NR	NR
Cyflufenamid							**1**			
Cherries (subgroup)	None	0.6	New	USA	Fresh and processed sweet cherries			NR	NR	NR
Cyflumetofen							**3**			
Coffee beans	None	0.08	New	CCPR55				NR	NR	NR
Cucumber	None	0.5	New	CCPR55				NR	NR	NR
Hops, dry	30	15	Decrease	CCPR55				NR	NR	NR
Nectarine, dried	None	2	New	CCPR55				NR	NR	NR
Peach, dried	None	2	New	CCPR55				NR	NR	NR
Pome fruits	0.5	0.5	No change	APVMA				NR	NR	NR
Cyfluthrin							**10**			
Citrus fruit (group)	0.2	0.3	Increase	Codex	Orange Juice Concentrate			37	13	NR
Cyhalothrin							**18**			
Citrus fruit (group)	None	1	New	Brazil	Orange Juice Concentrate			99	36	NR
Cyhexatin							**10**			
Oranges, Sweet, Sour (subgroup)	None	0.2	New	Codex	Orange Juice Concentrate			NR	NR	20

Chemical and commodity requested	Pre-M1023 MRL (mg/kg)	Post-M1023 MRL (mg/kg)	MRL Change	Origin of new MRL	Commodity description in trading partners standards	Commodity description in Codex, MRL (mg/kg) and (year established)	NEDI (% ADI)	NESTI (% ARfD) 2–6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16–44 years
Cypermethrin							**61**			
Avocado	T0.2	0.5	Increase	CCPR55				16	6	NR
Bulb onions (subgroup)	None	*0.05	New	CCPR55				2	1	NR
Bush berries (subgroup)	0.5	1.5	Increase	CCPR55				15	3	NR
Onion, bulb	*0.1	None	Repeal	CCPR55				NR	NR	NR
Papaya	None	0.5	New	a) CODEX, b) ASEAN, c) Malaysia	Fresh papaya			41	21	NR
Cyprodinil							**52**			
Citrus fruit (group)	None	0.5	New	Brazil	Orange Juice Concentrate			NR	NR	NR
Cranberry	None	6	New	Canada	Fresh and dried cranberries, cranberry juice and juice concentrate			NR	NR	NR
Pome fruits	2	2	No change	APVMA				NR	NR	NR
Deltamethrin							**74**			
Citrus fruit (group)	None	0.1	New	Brazil	Orange Juice Concentrate			10	4	NR
Papaya	None	0.2	New	CCPR55				13	7	NR
Diafenthiuron							**54**			
Citrus fruit (group)	None	0.5	New	Brazil	Orange Juice Concentrate			NR	NR	NR
Difenoconazole							**78**			
Cane berries (subgroup)	None	3	New	CCPR55				2	8	NR
Cherries (subgroup)	2.5	None	Repeal	CCPR55				NR	NR	NR

Chemical and commodity requested	Pre-M1023 MRL (mg/kg)	Post-M1023 MRL (mg/kg)	MRL Change	Origin of new MRL	Commodity description in trading partners standards	Commodity description in Codex, MRL (mg/kg) and (year established)	NEDI (% ADI)	NESTI (% ARfD) 2–6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16–44 years
Citrus fruits (group)	None	0.6	New	CODEX	Citrus fruits			10	4	NR
Maize cereals (subgroup)	None	0.015	New	CCPR55				<1	<1	NR
Maize flour	None	0.015	New	CCPR55				<1	<1	NR
Maize gluten	None	0.05	New	CCPR55				<1	<1	NR
Maize oil, crude	None	0.02	New	CCPR55				<1	<1	NR
Mustard greens	None	8	New	CCPR55				<1	<1	NR
Mustard seed	None	0.1	New	EU	yes			<1	<1	NR
Nectarine	2.5	None	Repeal	CCPR55				<1	<1	NR
Peach	2.5	None	Repeal	CCPR55				NR	NR	NR
Plums (including fresh prunes) (subgroup)	2.5	None	Repeal	CCPR55				NR	NR	NR
Pome fruits	0.3	0.3	No change	APVMA				6	2	NR
Prunes	None	4	New	CCPR55				7	5	NR
Radish	0.5	0.7	Increase	CCPR55				<1	<1	NR
Radish leaves (including radish tops)	None	8	New	CCPR55				<1	3	NR
Stone fruits (group)	2.5	1.5	Decrease	CCPR55				6	5	NR
Sweet potato	0.5	4	Increase	CCPR55				14	11	NR
Diflubenzuron							**34**			
Tea, green, black (black, fermented and dried)	0.1	40	Increase	CCPR55				NR	NR	NR
Dimethenamid							**1**			
Tuberous and corm vegetables (subgroup)	None	0.01	New	USA	Fresh, frozen/chilled, dried, prepared, or preserved: potatoes and/or potato flakes,			NR	NR	<1

Chemical and commodity requested	Pre-M1023 MRL (mg/kg)	Post-M1023 MRL (mg/kg)	MRL Change	Origin of new MRL	Commodity description in trading partners standards	Commodity description in Codex, MRL (mg/kg) and (year established)	NEDI (% ADI)	NESTI (% ARfD) 2–6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16–44 years
					granules, and pellets					
Dimpropyridaz							**1**			
Citrus fruit (group)	None	0.09	New	Brazil	Orange Juice Concentrate			NR	NR	NR
Dinocap							**1**			
Cucumber	None	0.07	New	CCPR55				7	1	NR
Fruiting vegetables, cucurbits (group) (excluding cucumber, squash, summer and melons, except watermelon)	None	*0.05	New	CCPR55				23	2	NR
Diquat							**NR**			
Quinoa	T5	None	Repeal	APVMA				NR	NR	NR
Diuron							**38**			
Citrus fruit (group)	None	0.1	New	Brazil	Orange Juice Concentrate			NR	NR	NR
Dodine							**5**			
Pome fruits	5	5	No change	APVMA				69	20	NR
Emamectin							**23**			
Citrus fruit (group)	None	0.01	New	Brazil	Orange Juice Concentrate			2	1	NR
Etofenprox							**10**			
Citrus fruit (group)	None	0.2	New	Brazil	Orange Juice Concentrate			NR	NR	<1
Fenamidone							**7**			

Chemical and commodity requested	Pre-M1023 MRL (mg/kg)	Post-M1023 MRL (mg/kg)	MRL Change	Origin of new MRL	Commodity description in trading partners standards	Commodity description in Codex, MRL (mg/kg) and (year established)	NEDI (% ADI)	NESTI (% ARfD) 2–6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16–44 years
Tuberous and corm vegetables (subgroup)	None	0.02	New	USA	Fresh, frozen/chilled, dried, prepared, or preserved: potatoes and/or potato flakes, granules, and pellets			<1	<1	NR
Fenbuconazole							**33**			
Citrus fruit (group)	None	0.5	New	Codex	Orange Juice Concentrate			NR	NR	NR
Fenbutatin oxide							**64**			
Pome fruits	3	3	No change	APVMA				NR	NR	NR
Fenoxycarb							**10**			
Pome fruits	2	2	No change	APVMA				NR	NR	NR
Flonicamid							**18**			
Pome fruits	0.7	0.7	No change	APVMA				NR	NR	NR
Florylpicoxamid							**11**			
Citrus fruit (group)	None	0.2	New	Brazil	Orange Juice Concentrate			NR	NR	NR
Edible offal (mammalian)	0.05	0.09	Increase	CCPR55				NR	NR	NR
Eggs	*0.01	0.02	Increase	CCPR55				NR	NR	NR
Lentil (dry)	None	*0.02	New	CCPR55				NR	NR	NR
Mammalian fats (except milk fats)	None	0.15	New	CCPR55				NR	NR	NR
Mango	None	0.5	New	CCPR55				NR	NR	NR
Meat (from mammals other than marine mammals)	None	0.15	New	CCPR55				NR	NR	NR
Milks	*0.01	0.03	Increase	CCPR55				NR	NR	NR

Chemical and commodity requested	Pre-M1023 MRL (mg/kg)	Post-M1023 MRL (mg/kg)	MRL Change	Origin of new MRL	Commodity description in trading partners standards	Commodity description in Codex, MRL (mg/kg) and (year established)	NEDI (% ADI)	NESTI (% ARfD) 2–6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16–44 years
Peppers, chili, dried	None	8	New	CCPR55				NR	NR	NR
Poultry fats	None	*0.02	New	CCPR55				NR	NR	NR
Poultry meat	None	*0.02	New	CCPR55				NR	NR	NR
Poultry, edible offal of	*0.01	*0.02	Increase	CCPR55				NR	NR	NR
Rape seed	None	0.15	New	CCPR55				NR	NR	NR
Strawberry	1	1.5	Increase	CCPR55				NR	NR	NR
Sugar beet	None	0.05	New	CCPR55				NR	NR	NR
Tomato, dried	None	6	New	CCPR55				NR	NR	NR
Wheat	0.02	0.03	Increase	CCPR55				NR	NR	NR
Wheat gluten meal	None	0.04	New	CCPR55				NR	NR	NR
Fluazifop-p-butyl							**68**			
Lotus root	Lotus Root T3	Lotus tuber	Change to commodity name	APVMA				6	<1	NR
Flubendiamide							**39**			
Citrus fruit (group)	None	0.4	New	Brazil	Orange Juice Concentrate			1	<1	NR
Fludioxonil							**5**			
Mustard Seed	*0.01	0.02	Increase	EU				NR	NR	NR
Fluopyram							**85**			
Barley	None	0.4	New	CCPR55				<1	<1	NR
Buckwheat	None	0.4	New	CCPR55				<1	<1	NR
Edible offal (mammalian)	0.7	8	Increase	CCPR55				1	<1	NR
Eggs	*0.02	2	Increase	CCPR55				2	1	NR
Mammalian fats (except milk fats)	None	1.5	New	CCPR55				1	<1	NR
Oats	None	0.4	New	CCPR55				<1	<1	NR
Poultry fats	None	1	New	CCPR55				1	<1	NR

Chemical and commodity requested	Pre-M1023 MRL (mg/kg)	Post-M1023 MRL (mg/kg)	MRL Change	Origin of new MRL	Commodity description in trading partners standards	Commodity description in Codex, MRL (mg/kg) and (year established)	NEDI (% ADI)	NESTI (% ARfD) 2–6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16–44 years
Poultry meat	*0.02	1.5	Increase	CCPR55				4	2	NR
Poultry, edible offal of	*0.02	4	Increase	CCPR55				7	2	NR
Rye	None	0.2	New	CCPR55				<1	<1	NR
Sorghum grain	None	0.6	New	CCPR55				<1	<1	NR
Triticale	None	0.2	New	CCPR55				<1	<1	NR
Wheat	None	0.2	New	CCPR55				1	<1	NR
Wheat bran, processed	None	0.6	New	CCPR55				1	<1	NR
Wheat germ	None	0.5	New	CCPR55				1	<1	NR
Fluquinconazole							**21**			
Pome fruits	0.3	0.3	No change	APVMA				NR	NR	NR
Flutianil							**<1**			
Hops, dry	None	2	New	USA	Hop, dried cones; Hop cone pellets; Hop extract			NR	NR	NR
Flutriafol							**57**			
Pome fruits	0.4	0.4	No change	APVMA				45	13	NR
Fluxapyroxad							**78**			
Grapefruit	None	1	New	USA	Fruit			20	5	NR
Milk fats	0.1	0.5	Increase	Codex	Animal origin - milk			1	<1	NR
Oats	2	3	Increase	EU-27, CA	Cereal			3	1	NR
Pig fat	None	0.2	New	EU-27	Animal origin - fat			<1	<1	NR
Pummelos and grapefruit	0.6	1	Increase	US	Fruit			11	3	NR
Soya bean (succulent seeds in pods)	1.5	2	Increase	CA / USA	Vegetable			2	<1	NR
Spinach	None	3	New	EU-27	Vegetable			3	1	NR
Folpet							**20**			

Chemical and commodity requested	Pre-M1023 MRL (mg/kg)	Post-M1023 MRL (mg/kg)	MRL Change	Origin of new MRL	Commodity description in trading partners standards	Commodity description in Codex, MRL (mg/kg) and (year established)	NEDI (% ADI)	NESTI (% ARfD) 2–6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16–44 years
Citrus fruit (group)	None	10	New	Brazil	Orange Juice Concentrate			NR	NR	NR
Cranberry	None	25	New	Canada	Fresh and dried cranberries, cranberry juice and juice concentrate			NR	NR	NR
Fomesafen							**5**			
Citrus fruit (group)	None	0.01	New	Brazil	Orange Juice Concentrate			<1	<1	NR
Glyphosate							**NR**			
Babaco	*0.05	None	Repeal	APVMA i				NR	NR	NR
Monstero	*0.05	*0.05	No change	APVMA				NR	NR	NR
Rollinia	*0.05	None	Repeal	APVMA				NR	NR	NR
Haloxyfop							**NR**			
Chia	T3	None	Repeal	APVMA				NR	NR	NR
Hexythiazox							**27**			
Citrus fruit (group)	None	1	New	Brazil	Orange Juice Concentrate			NR	NR	NR
Pome fruits	1	1	No change	APVMA				NR	NR	NR
Imazapyr							**<1**			
Rice	0.05	0.06	Increase	CCPR55				NR	NR	NR
Rice bran, unprocessed	None	0.2	New	CCPR55				NR	NR	NR
Rice, husked	None	0.07	New	CCPR55				NR	NR	NR
Rice, polished	None	0.05	New	CCPR55				NR	NR	NR

Chemical and commodity requested	Pre-M1023 MRL (mg/kg)	Post-M1023 MRL (mg/kg)	MRL Change	Origin of new MRL	Commodity description in trading partners standards	Commodity description in Codex, MRL (mg/kg) and (year established)	NEDI (% ADI)	NESTI (% ARfD) 2–6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16–44 years
Wheat	*0.05	0.6	Increase	CCPR55				NR	NR	NR
Wheat bran, unprocessed	None	1	New	CCPR55				NR	NR	NR
Wheat germ	None	1	New	CCPR55				NR	NR	NR
Imazalil							79			
Pome fruits	5	5	No change	APVMA				NR	NR	88
Imidacloprid							**NR**			
Garlic	T0.5	None	Repeal	APVMA				NR	NR	NR
Persimmon, Japanese	T1	None	Repeal	APVMA				NR	NR	NR
Tree tomato	T2	None	Repeal	APVMA				NR	NR	NR
Indaziflam							**<1**			
Bush berries (subgroup)	None	0.01	New	USA	Fresh blueberries, frozen blueberries, organic blueberries			<1	<1	NR
Indoxacarb							**92**			
Chia	T0.5	None	Repeal	APVMA				NR	NR	NR
Olives	T0.2	None	Repeal	APVMA				NR	NR	NR
Pome fruits	2	2	No change	APVMA				78	23	NR
Rape seed [canola]	T*0.05	None	Repeal	APVMA				NR	NR	NR
Safflower seed	T0.5	None	Repeal	APVMA				NR	NR	NR
Ioxynil							**NR**			
Sugar cane	*0.02	None	Repeal	APVMA				NR	NR	NR
Iprodione							**62**			
Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	None	1.5	New	CCPR55				1	<1	NR
Cane berries (subgroup)	None	50	New	CCPR55				13	4	NR

Chemical and commodity requested	Pre-M1023 MRL (mg/kg)	Post-M1023 MRL (mg/kg)	MRL Change	Origin of new MRL	Commodity description in trading partners standards	Commodity description in Codex, MRL (mg/kg) and (year established)	NEDI (% ADI)	NESTI (% ARfD) 2–6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16–44 years
Pome fruits	3	3	No change	APVMA				28	8	NR
Potato	*0.05	0.05	Substitute	CCPR55				<1	<1	NR
Potato, flakes/granules	None	0.05	New	CCPR55				<1	<1	NR
Isocycloseram							**49**			
Brussels sprouts	None	2	New	CCPR55				10	3	NR
Cabbages, head	None	4	New	CCPR55				29	21	NR
Cherries (subgroup)	None	1	New	CCPR55				3	1	NR
Citrus oil, edible	None	80	New	CCPR55				72	33	NR
Coffee beans	None	0.04	New	CCPR55				<1	<1	NR
Cotton seed	None	0.5	New	CCPR55				<1	<1	NR
Edible offal (mammalian)	*0.01	0.3	Increase	CCPR55				<1	<1	NR
Eggplant	None	0.3	New	CCPR55				<1	<1	NR
Lemons and limes (including citron) (subgroup)	None	0.5	New	CCPR55				5	3	NR
Maize	None	*0.01	New	CCPR55				<1	<1	NR
Mammalian fats (except milk fats)	None	0.4	New	CCPR55				<1	<1	NR
Mandarins (including mandarin-like hybrids) (subgroup)	None	0.4	New	CCPR55				9	3	NR
Meat mammalian	None	0.02	New	CCPR55				<1	<1	NR
Milks	*0.01	0.05	Increase	CCPR55				5	2	NR
Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	None	0.4	New	CCPR55				25	9	NR
Peaches (including apricots and nectarine) (subgroup)	None	0.3	New	CCPR55				11	4	NR
Peppers, chili	None	0.6	New	CCPR55				1	<1	NR
Peppers, chili, dried	None	4.2	New	CCPR55				<1	<1	NR

Chemical and commodity requested	Pre-M1023 MRL (mg/kg)	Post-M1023 MRL (mg/kg)	MRL Change	Origin of new MRL	Commodity description in trading partners standards	Commodity description in Codex, MRL (mg/kg) and (year established)	NEDI (% ADI)	NESTI (% ARfD) 2–6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16–44 years
Peppers, sweet (including pimento or pimiento)	None	0.3	New	CCPR55				3	1	NR
Plums (including fresh prunes) (subgroup)	None	0.4	New	CCPR55				<1	3	NR
Pome fruits (group)	None	0.4	New	CCPR55				28	8	NR
Potato	None	*0.01	New	CCPR55				<1	<1	NR
Prunes	None	1.5	New	CCPR55				10	6	NR
Pummelo and grapefruits	None	0.3	New	CCPR55				23	9	NR
Soya bean (dry)	None	0.15	New	CCPR55				<1	<1	NR
Tomato	None	0.5	New	CCPR55				15	5	NR
Tomato, dried	None	2	New	CCPR55				<1	<1	NR
Tomato, pomace	None	8	New	CCPR55				63	27	NR
Isofetamid							**30**			
Pome fruits	0.6	0.6	No change	APVMA				1	<1	NR
Isoflucypram							**<1**			
Barley	None	0.1	New	CCPR55				NR	NR	NR
Barley bran, unprocessed	None	0.05	New	CCPR55				NR	NR	NR
Barley, flour	None	0.02	New	CCPR55				NR	NR	NR
Edible offal (mammalian)	None	*0.01	New	CCPR55				NR	NR	NR
Eggs	None	*0.01	New	CCPR55				NR	NR	NR
Mammalian fats (except milk fats)	None	*0.01	New	CCPR55				NR	NR	NR
Meat mammalian	None	*0.01	New	CCPR55				NR	NR	NR
Milk fats	None	*0.005	New	CCPR55				NR	NR	NR
Milks	None	*0.005	New	CCPR55				NR	NR	NR
Poultry fats	None	*0.01	New	CCPR55				NR	NR	NR
Poultry meat	None	*0.01	New	CCPR55				NR	NR	NR

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Poultry, edible offal of	None	*0.01	New	CCPR55				NR	NR	NR
Triticale	None	0.05	New	CCPR55				NR	NR	NR
Wheat	None	0.05	New	CCPR55				NR	NR	NR
Wheat bran, unprocessed	None	0.015	New	CCPR55				NR	NR	NR
Wheat germ	None	0.015	New	CCPR55				NR	NR	NR
Isotianil							**2**			
Citrus oil, edible	None	40	New	CCPR55				NR	NR	NR
Lemons and limes (including citron) (subgroup)	None	0.5	New	CCPR55				NR	NR	NR
Mammalian fats (except milk fats)	None	*0.02	New	CCPR55				NR	NR	NR
Mandarins (including mandarin-like hybrids) (subgroup)	None	0.4	New	CCPR55				NR	NR	NR
Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	None	0.4	New	CCPR55				NR	NR	NR
Poultry fats	None	*0.02	New	CCPR55				NR	NR	NR
Pummelo and grapefruits (including Shaddock-like hybrids, among others Grapefruit) (subgroup)	None	0.2	New	CCPR55				NR	NR	NR
Linuron							**NR**			
Chia	T*0.05	None	Repeal	APVMA				NR	NR	NR
Turmeric, root	T*0.05	None	Repeal	APVMA				NR	NR	NR
Lufenuron							**39**			
Cotton seed	T0.2	None	Repeal	APVMA				NR	NR	NR
Cotton seed oil, crude	T0.5	None	Repeal	APVMA				NR	NR	NR
Eggs	T0.05	None	Repeal	APVMA				NR	NR	NR
Meat (mammalian) (in the fat)	T1	None	Repeal	APVMA				NR	NR	NR

Chemical and commodity requested	Pre-M1023 MRL (mg/kg)	Post-M1023 MRL (mg/kg)	MRL Change	Origin of new MRL	Commodity description in trading partners standards	Commodity description in Codex, MRL (mg/kg) and (year established)	NEDI (% ADI)	NESTI (% ARfD) 2–6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16–44 years
Milks	T0.2	None	Repeal	APVMA				NR	NR	NR
Pome fruits	1	1	No change	APVMA				NR	NR	NR
Poultry meat (in the fat)	T1	None	Repeal	APVMA				NR	NR	NR
Poultry, edible offal of	T*0.01	None	Repeal	APVMA				NR	NR	NR
Mefentrifluconazole							**61**			
Hops, dry	None	15	New	EU	Hop, dried cones; Hop cone pellets; Hop extract			NR	NR	NR
Olives for oil production	None	3	New	EU MRL	Olive oil			NR	NR	NR
Pome fruits	1.5	1.5	No change	APVMA				NR	NR	NR
Table olives	None	2	New	EU MRL	Table olives (olives preserved)			NR	NR	NR
Mepiquat							**3**			
Cotton seed	None	4	New	CCPR55				1	1	NR
Grape, dried (= Currants, Raisins and Sultanas)	None	20	New	CCPR55				18	3	NR
Grapes	None	4	New	CCPR55				15	15	NR
Mammalian fats (except milk fats)	None	0.01	New	CCPR55				<1	<1	NR
Poultry fats	None	*0.008	New	CCPR55				<1	<1	NR
Metalaxyl							**17**			
Citrus fruit (group)	Oranges, sweet, sour 1	5	New	Codex	Orange Juice Concentrate			50	18	NR
Pome fruits	0.2	0.2	No change	APVMA				2	1	NR
Metamitron							**3**			
Pome fruits	0.01	0.01	No change	APVMA				1	<1	NR
Methiocarb							**44**			
Artichoke, globe	None	*0.06	New	APVMA				<1	<1	NR

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Berries and other small fruits	None	*0.06	New	APVMA				26	33	NR
Brassica (cole or cabbage) vegetables, head cabbages, flowerhead brassica	None	0.1	New	APVMA				32	10.4	NR
Cereal grains	None	*0.06	New	APVMA				30	5	NR
Citrus fruits	0.1	*0.06	Decrease	APVMA				60	22	NR
Edible offal (mammalian)	None	*0.05	New	APVMA				<1	<1	NR
Eggs	None	*0.05	New	APVMA				5	2	NR
Fruit [except as otherwise listed under this chemical]	T0.1	None	Repeal	APVMA				NR	NR	NR
Grapes	0.5	None	Repeal	APVMA				NR	NR	NR
Lettuce, head	None	0.2	New	APVMA				39	13	NR
Meat (mammalian)	None	*0.05	New	APVMA				11	6	NR
Milks	None	*0.005	New	APVMA				8	3	NR
Oilseeds	None	*0.06	New	APVMA				2	<1	NR
Pome fruits	None	*0.06	New	APVMA				68	20	NR
Potato	None	*0.06	New	APVMA				40	10	NR
Poultry meat	None	*0.05	New	APVMA				13	7	NR
Poultry, edible offal of	None	*0.05	New	APVMA				8	2	NR
Stone fruits	None	*0.06	New	APVMA				37	13	NR
Sweet corns	0.1	None	Repeal	APVMA				NR	NR	NR
Truffle	T0.05	None	Repeal	APVMA				NR	NR	NR
Vegetables	0.1	None	Repeal	APVMA				NR	NR	NR
Wine	0.1	None	Repeal	APVMA				NR	NR	NR
Metsulfuron-methyl							**17**			
Citrus fruit (group)	None	0.01	New	Brazil	Orange Juice Concentrate			NR	NR	NR

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Milbemectin							**2**			
Citrus fruit (group)	None	0.01	New	Brazil	Orange Juice Concentrate			NR	NR	<1
Myclobutanil							**15**			
Pome fruits	0.5	0.5	No change	APVMA				NR	NR	NR
Naphthalene acetic acid							**NR**			
Pineapple	1	None	Repeal	APVMA				NR	NR	NR
Napropamide							**1**			
Berries and other small fruits	*0.1	None	Repeal	APVMA				NR	NR	NR
Grapes	None	*0.1	New	APVMA				NR	NR	NR
Nicarbazin							**<1**			
Poultry fat/skin {except Chicken}	None	*0.025	New	APVMA				NR	NR	NR
Poultry muscle {except Chicken}	None	*0.025	New	APVMA				NR	NR	NR
Poultry, kidney {except Chicken}	None	*0.1	New	APVMA				NR	NR	NR
Poultry, liver {except Chicken}	None	0.1	New	APVMA				NR	NR	NR
Nitrothal-isopropyl							**NR**			
Apple	1	None	Repeal	APVMA				NR	NR	NR
Novaluron							**40**			
Citrus fruit (group)	None	0.5	New	Brazil	Orange Juice Concentrate			NR	NR	NR
Cotton seed	T1	None	Repeal	APVMA				NR	NR	NR
Cotton seed oil, crude	T2	None	Repeal	APVMA				NR	NR	NR
Oxathiapiprolin							**<1**			
Bush berries (subgroup)	None	0.5	New	CCPR55				NR	NR	NR
Paclobutrazol							**21**			
Pome fruits	1	1	No change	APVMA				NR	NR	NR

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Pendimethalin							**2**			
Low growing berries (subgroup)	none	0.1	Increase	USA	Fresh and dried cranberries, cranberry juice and juice concentrate			<1	<1	NR
Penthiopyrad							**23**			
Stone fruits	5	4	Decrease	APVMA				12	5	NR
Phorate							**36**			
Mustard Seed	None	*0.02	New	EU	yes			<1	<1	NR
Phosmet							**88**			
Pome fruits (group)	None	3	New	CCPR55				51	15	NR
Pirimicarb							**43**			
Citrus fruit (group)	None	3	New	Codex	Orange Juice Concentrate			4	<1	NR
Prochloraz							25			
Citrus fruit (group)	None	10	New	Codex	Orange Juice Concentrate			23	8	NR
Peppers, Chili	None	3	New	ASEAN/Thailand	Peppers, Chili			2	1	NR
Propiconazole							**49**			
Mammalian fats (except milk fats)	None	0.05	New	CCPR55				<1	<1	NR
Poultry fats	None	*0.01	New	CCPR55				<1	<1	NR
Rice	None	30	New	CCPR55				83	34	NR
Rice, husked	None	4	New	CCPR55				4	1	NR
Prosulfocarb							**NR**			
Safflower seed	T*0.01	None	Repeal	APVMA				NR	NR	NR
Pydiflumetofen							**9**			

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Pome fruits	0.2	0.2	No change	APVMA				NR	NR	NR
Pymetrozine							**4**			
Hops, dry	None	6	New	USA	Hop, dried cones; Hop cone pellets; Hop extract			<1	<1	NR
Pyraclostrobin							**43**			
Brassica leafy vegetables	T3	None	Repeal	APVMA				NR	NR	NR
Mung bean (dry)	T0.2	None	Repeal	APVMA				NR	NR	NR
Papaya (pawpaw)	T0.5	None	Repeal	APVMA				NR	NR	NR
Pome fruits	1	1	No change	APVMA				NR	NR	51
Pyridaben							**40**			
Pome fruits	0.5	0.5	No change	APVMA				NR	NR	NR
Tree nuts	T*0.05	None	Repeal	APVMA				NR	NR	NR
Pyrimethanil							**33**			
Honey	None	0.3	New	EU	natural honey			NR	NR	NR
Leafy vegetables [except broccoli, Chinese (Gai lan); lettuce, head; lettuce, leaf; witloof chicory]	T5	None	Repeal					NR	NR	NR
Pome fruits	15	15	No change	APVMA				NR	NR	NR
Table grapes	None	6	New	EU	Table grapes and raisins			NR	NR	NR
Pyriproxyfen							**14**			
Citrus fruit (group)	0.5	1	New	Brazil	Orange Juice Concentrate			NR	NR	NR
Peppers, chili, dried)	6	6	No change	APVMA				NR	NR	NR

Chemical and commodity requested	Pre-M1023 MRL (mg/kg)	Post-M1023 MRL (mg/kg)	MRL Change	Origin of new MRL	Commodity description in trading partners standards	Commodity description in Codex, MRL (mg/kg) and (year established)	NEDI (% ADI)	NESTI (% ARfD) 2–6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16–44 years
Pyrithiobac sodium							**NR**			
Cotton seed	*0.02	None	Repeal	APVMA				NR	NR	NR
Cotton seed oil, crude	*0.01	None	Repeal	APVMA				NR	NR	NR
Cotton seed oil, edible	*0.01	None	Repeal	APVMA				NR	NR	NR
Edible offal (mammalian)	*0.02	None	Repeal	APVMA				NR	NR	NR
Eggs	*0.02	None	Repeal	APVMA				NR	NR	NR
Meat (mammalian)	*0.02	None	Repeal	APVMA				NR	NR	NR
Milks	*0.02	None	Repeal	APVMA				NR	NR	NR
Poultry meat	*0.02	None	Repeal	APVMA				NR	NR	NR
Poultry, edible offal of	*0.02	None	Repeal	APVMA				NR	NR	NR
Pyroxasulfone							**2**			
Citrus fruit (group)	None	0.02	New	Brazil	Orange Juice Concentrate			NR	NR	NR
Quizalofop-P-tefuryl							**15**			
Citrus fruit (group)	None	0.03	New	Brazil	Orange Juice Concentrate			NR	NR	NR
Metolachlor							**2**			
Citrus fruit (group)	None	0.01	New	Brazil	Orange Juice Concentrate			NR	NR	NR
Spinetoram							**14**			
Lemon grass	Lemon grass 5	Lemongrass	Change to commodity name	APVMA				NR	NR	NR
Spiromesifen							**13**			
Citrus fruit (group)	None	0.07	New	Brazil	Orange Juice Concentrate			NR	NR	NR
Spiropidion							**20**			

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Citrus fruit (group)	None	0.1	New	Brazil	Orange Juice Concentrate			2	1	NR
Sulfoxaflor							**49**			
Tuberous and corm vegetables (subgroup)	None	0.05	New	USA	Fresh, frozen/chilled, dried, prepared, or preserved: potatoes and/or potato flakes, granules, and pellets			1	<1	NR
Tebuconazole							**48**			
Citrus fruit (group)	None	5	New	Brazil	Orange Juice Concentrate			NR	NR	1
Tebufenozide							**36**			
Pome fruits	1	1	No change	APVMA				6	2	NR
Tebufenpyrad							**31**			
Pome fruits	1	1	No change	APVMA				NR	NR	NR
Tetracycline							**2**			
Edible offal (mammalian)	Edible offal (mammalian) 1	0.05	Decrease	APVMA				NR	NR	NR
Eggs	None	*0.01	New	APVMA				NR	NR	NR
Meat (mammalian)	None	*0.01	New	APVMA				NR	NR	NR
Milks	*0.1	*0.05	Decrease	APVMA				NR	NR	NR
Poultry meat	None	*0.01	New	APVMA				NR	NR	NR
Poultry, edible offal of	None	0.05	New	APVMA				NR	NR	NR
Tetraniliprole							**1**			

Chemical and commodity requested	Pre-M1023 MRL (mg/kg)	Post-M1023 MRL (mg/kg)	MRL Change	Origin of new MRL	Commodity description in trading partners standards	Commodity description in Codex, MRL (mg/kg) and (year established)	NEDI (% ADI)	NESTI (% ARfD) 2–6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16–44 years
Mandarins (including mandarin-like hybrids) (subgroup)	1	1.5	Increase	CCPR55				NR	NR	NR
Thiabendazole							**54**			
Tuberous and corm vegetables (subgroup)	Potato 5	10	Increase	USA	Fresh, frozen/chilled, dried, prepared, or preserved: potatoes and/or potato flakes, granules, and pellets			33	13	47
Thiophanate-methyl							**24**			
Citrus fruit (group)	None	5	New	Brazil	Orange Juice Concentrate			25	9	NR
Almonds	Almonds 0.1	*0.15	Increase	CCPR55				<1	<1	NR
Tiafenacil							**9**			
Citrus fruit (group)	None	0.01	New	Brazil	Orange Juice Concentrate			8	3	NR
Trichlorfon							**82**			
Leafy vegetables	None	15	New	APVMA				NR	NR	NR
Rollinia	T3	T3	No change	APVMA				NR	NR	NR
Vegetables (except Beetroot; Brussels sprouts; Cape gooseberry; Cauliflower; Celery; Egg plant, Thai; Pepino; Peppers; Pulses (dry); Sweet corn (corn-on-the-cob))	None	0.1	New	APVMA				NR	NR	NR
Tricyclazole							**5**			

Chemical and commodity requested	Pre-M1023 MRL (mg/kg)	Post-M1023 MRL (mg/kg)	MRL Change	Origin of new MRL	Commodity description in trading partners standards	Commodity description in Codex, MRL (mg/kg) and (year established)	NEDI (% ADI)	NESTI (% ARfD) 2–6 years	NESTI (% ARfD) 2+ years	NESTI (% ARfD) Women 16–44 years
Edible offal (mammalian)	None	0.1	New	CCPR55				<1	<1	NR
Eggs	None	*0.01	New	CCPR55				<1	<1	NR
Mammalian fats (except milk fats)	None	*0.01	New	CCPR55				<1	<1	NR
Meat (mammalian)	None	*0.01	New	CCPR55				<1	<1	NR
Milks	None	*0.01	New	CCPR55				2	<1	NR
Poultry fats	None	*0.01	New	CCPR55				<1	<1	NR
Poultry meat	None	*0.01	New	CCPR55				<1	<1	NR
Poultry, edible offal of	None	*0.01	New	CCPR55				<1	<1	NR
Rice	None	5	New	CCPR55				83	34	NR
Rice, husked	None	0.3	New	CCPR55				2	<1	NR
Rice, polished	None	0.3	New	CCPR55				4	2	NR
Triflumuron							**14**			
Citrus fruit (group)	None	0.05	New	Brazil	Orange Juice Concentrate			NR	NR	NR
Triforine							**19**			
Pome fruits	1	1	No change	APVMA				19	5	NR

Appendix 2

Dietary exposure assessment summaries for the proposed *All other foods except animal food commodities* MRLs

This appendix outlines the *All other foods except animal food commodities* MRL consideration for all chemicals requested for inclusion in Proposal M1023, following the principles set out in P1027[10].

Chemicals not registered for use in Australia do not meet the requirements for establishing an *All other foods except animal food commodities* MRL. Should a chemical's registration in Australia be withdrawn or removed, any pre-existing *All other foods except animal food commodities* MRL in Schedule 20 would be proposed for deletion in the following MRL harmonisation proposal.

A conservative assumption made by FSANZ when calculating the national estimate of daily intake (NEDI) is that 10% of the *All other foods except animal food commodities* would likely contain residues. This assumption does not apply to the calculations of the national estimated short-term intake (NESTI).

The relevant health-based guidance values for the NEDI and NESTI are the acceptable daily intake (ADI) and the acute reference dose (ARfD) respectively.

10. Proposal P1027 - Managing Low-level Ag & Vet Chemicals without MRLs (2016). Accessed 15 December 2025.

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

1,4-dimethylnapthalene

1,4-dimethylnapthalene was excluded from consideration of an *All other foods except animal food commodities* MRL as there is no registered use of this chemical in Australia.

Acequinocyl

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for acequinocyl is currently listed in Schedule 20. This MRL was reviewed as part of M1023 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 as part of M1023 and no change is proposed.

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 as part of M1023 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 as part of M1023 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 as part of M1023 and no change is proposed.

Bifenthrin

An MRL of 0.03 mg/kg for *All other foods except animal food commodities* for bifenthrin is currently listed in Schedule 20. This MRL was reviewed as part of M1023 and no change is proposed.

Boscalid

The APVMA has established an *All other foods* MRL at 0.5 mg/kg, which is currently listed in Schedule 20. This MRL was reviewed as part of M1023 and no change is proposed.

Broflanilide

An MRL of 0.002 mg/kg for *All other foods except animal food commodities* for broflanilide is currently listed in Schedule 20. This MRL was reviewed as part of M1023 and no change is proposed.

Bromacil

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

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 as part of M1023 and no change is proposed.

Captan

An MRL of 0.1 mg/kg for *All other foods except animal food commodities* for captan is currently listed in Schedule 20. This MRL was reviewed as part of M1023 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 as part of M1023 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

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

Carfentrazone-ethyl

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for carfentrazone-ethyl is currently listed in Schedule 20. This MRL was reviewed as part of M1023 and no change is proposed.

Chlorantraniliprole

The APVMA has established an *All other foods* MRL at T0.1 mg/kg, which is currently listed in Schedule 20. This MRL was reviewed as part of M1023 and no change is proposed.

Chlorfluazuron

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

Chlorothalonil

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

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 as part of M1023 and no change is proposed.

Clothianidin

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for clothianidin is currently listed in Schedule 20. This MRL was reviewed as part of M1023 and no change is proposed.

Cyantraniliprole

The APVMA has established an *All other foods* MRL at 0.05 mg/kg, which is currently listed in Schedule 20. This MRL was reviewed as part of M1023 and no change is proposed.

Cyflufenamid

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

Considerations	Comments
Limit of determination (LOD)	*0.01-*0.02 Schedule 20; *0.01-*0.05 mg/kg as indicated in EU database
Lowest plant commodity MRL	*0.01 Wheat
Magnitude of existing plant commodity MRLs	The range of existing MRLs is *0.01 (Wheat)) to 5 mg/kg (Hops, dry)
Lowest plant commodity MRL that is not the LOD	0.1 mg/kg
Most relevant reference point to minimise off-label use	0.1 mg/kg
Consumption amount used in NEDI calculation for *All other foods except animal commodities*	42.2 g/kg bw/day
Chronic dietary exposure (NEDI) considering existing permissions and proposed M1023 MRLs	1.1% of the ADI
Proposed *All other foods except animal commodities* MRL	0.02 mg/kg
NEDI including *All other foods except animal commodities* MRL, existing permissions and proposed M1023 MRLs	1.3% of the ADI
Percentage contribution of *All other foods except animal commodities* to total chronic dietary exposure	An *All other foods except animal commodities* MRL of 0.02 mg/kg represents a contribution of 17% to total dietary exposure which is within the 20% limit.
Acute dietary exposure assessment (NESTI)	An acute dietary exposure assessment is considered unnecessary for cyflufenamid because the APVMA Health Assessment Team (HAT) considered an ARfD to be unnecessary.
Conclusion	After considering the principles established and agreed in FSANZ proposal P1027, an *All other foods except animal commodities* MRL of 0.02 mg/kg is acceptable because it has been shown to be practical, adequately manages the risk of off-label use and does not increase the level of concern about the risk to public health.

Cyflumetofen

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for cyflumetofen is currently listed in Schedule 20. This MRL was reviewed as part of M1023 and no change is proposed.

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 as part of M1023 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 this chemical in Australia.

Cypermethrin

The APVMA has established an *All other foods* MRL at *0.01 mg/kg, which is currently listed in Schedule 20. This MRL was reviewed as part of M1023 and no change is proposed.

Cyprodonil

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for cyprodonil is currently listed in Schedule 20. This MRL was reviewed as part of M1023 and no change is proposed.

Deltamethrin

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for deltamethrin is currently listed in Schedule 20. This MRL was reviewed as part of M1023 and no change is proposed.

Diafenthiuron

An MRL of 0.01 mg/kg for *All other foods except animal food commodities* for Diafenthiuron is currently listed in Schedule 20. This MRL was reviewed as part of M1023 and no change is proposed.

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 as part of M1023 and no change is proposed.

Diflubenzuron

This chemical was excluded from consideration of an *All other foods except animal food commodities* MRL as it can be used as a veterinary medicine.

Dimethenamid-P

Dimethenamid-P was excluded from consideration of an *All other foods except animal food commodities* MRL as the NEDI from existing permissions was >80% of the ADI.

Dimpropyridaz

This chemical was considered for an *All other foods except animal food commodities* MRL, however there was no practical limit that would minimise off-label use.

Dinocap

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

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 as part of M1023 and no change is proposed.

Diquat

Diquat 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.

Dodine

An MRL of 0.1 mg/kg for *All other foods except animal food commodities* for dodine is currently listed in Schedule 20. This MRL was reviewed as part of M1023 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 as part of M1023 and no change is proposed.

Etofenprox

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for etofenprox is currently listed in Schedule 20. This MRL was reviewed as part of M1023 and no change is proposed.

Fenamidone

Fenamidone was excluded from consideration of an *All other foods except animal food commodities* MRL as there is no registered use of this chemical 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 as part of M1023 and no change is proposed.

Fenbutatin oxide

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

Fenoxycarb

An MRL of 0.1 mg/kg for *All other foods except animal food commodities* for fenoxycarb is currently listed in Schedule 20. This MRL was reviewed as part of M1023 and no change is proposed.

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 as part of M1023 and no change is proposed.

Florylpicoxamid

An MRL of 0.01 mg/kg for *All other foods except animal food commodities* for florylpicoxamid is currently listed in Schedule 20. This MRL was reviewed as part of M1023 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 as part of M1023 and no change is proposed.

Flubendiamide

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for flubendiamide is currently listed in Schedule 20. This MRL was reviewed as part of M1023 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 as part of M1023 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 as part of M1023 and no change is proposed.

Fluquinconazole

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for fluquinconazole is currently listed in Schedule 20. This MRL was reviewed as part of M1023 and no change is proposed.

Flutianil

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

Flutriafol

An MRL of 0.1 mg/kg for *All other foods except animal food commodities* for flutriafol is currently listed in Schedule 20. This MRL was reviewed as part of M1023 and no change is proposed.

Fluxapyroxad

The APVMA has established an *All other foods* MRL at 0.1 mg/kg, which is currently listed in Schedule 20. This MRL was reviewed as part of M1023 and no change is proposed.

Folpet

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

Fomesafen

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

Considerations	Comments
Limit of determination (LOD)	*0.01 (Schedule 20); *0.01, *0.02, *0.05 (EU Pesticide database)
Lowest plant commodity MRL	0.01 Citrus fruits (group)
Magnitude of existing plant commodity MRLs	The range of existing MRLs is 0.01 [Citrus fruits (group); Pulses] to 0.025 mg/kg (Potato; Tomato).
Lowest plant commodity MRL that is not the LOD	0.01 mg/kg
Most relevant reference point to minimise off-label use	0.02 mg/kg
Consumption amount used in NEDI calculation for *All other foods except animal commodities*	42.1 g/kg bw/day
Chronic dietary exposure (NEDI) considering existing permissions and proposed M1023 MRLs	3.7 % of the ADI
Proposed *All other foods except animal commodities* MRL	0.02 mg/kg
NEDI including *All other foods except animal commodities* MRL, existing permissions and proposed M1023 MRLs	4.6 % of the ADI
Percentage contribution of *All other foods except animal commodities* to total chronic dietary exposure	An *All other foods except animal commodities* MRL of 0.02 mg/kg represents a contribution of 18% to total dietary exposure which is within the 20% limit.

Acute dietary exposure assessment (NESTI)	Children 2-6 years of age (worst case - Pineapples), <1 % of the ARfD.
	Population aged 2 years and above [worst case – Milks (group), <1% of the ARfD]
Conclusion	After considering the principles established and agreed in FSANZ proposal P1027, an *All other foods except animal commodities* MRL of 0.02 mg/kg is acceptable because it has been shown to be practical, adequately manages the risk of off-label use and does not increase the level of concern about the risk to public health.

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 as part of M1023 and no change is proposed.

Haloxyfop

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

Hexythiazox

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for hexythiazox is currently listed in Schedule 20. This MRL was reviewed as part of M1023 and no change is proposed.

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 as part of M1023 and no change is proposed.

Imazalil

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for imazalil is currently listed in Schedule 20. This MRL was reviewed as part of M1023 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 as part of M1023 and no change is proposed.

Indaziflam

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

Indoxacarb

An *All other foods except animal food commodities* MRL of 0.05 mg/kg is currently listed in Schedule 20 for indoxacarb. This MRL was reviewed as part of M1023 and was repealed as the NEDI from existing permissions was >80% of the ADI.

Ioxynil

Ioxynil was considered for an *All other foods except animal food commodities* MRL, however there was no practical limit that would minimise off-label use.

Iprodione

An *All other foods except animal food commodities* MRL of 0.1 mg/kg is currently listed in Schedule 20 for iprodione. This MRL was reviewed as part of M1023 and no change is proposed.

Isocycloseram

An *All other foods except animal food commodities* MRL of 0.02 mg/kg is currently listed in Schedule 20 for isocycloseram. This MRL was reviewed as part of M1023 and no change is proposed.

Isofetamid

An *All other foods except animal food commodities* MRL of 0.02 mg/kg is currently listed in Schedule 20 for isofetamid. This MRL was reviewed as part of M1023 and no change is proposed.

Isoflucypram

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

Isotianil

Isotianil was considered for an *All other foods except animal food commodities* MRL, however there was no practical limit that would minimise off-label use.

Imidacloprid

An *All other foods except animal food commodities* MRL of 0.05 mg/kg is currently listed in Schedule 20 for imidacloprid. This MRL was reviewed as part of M1023 and no change is proposed.

Linuron

An *All other foods except animal food commodities* MRL of 0.05 mg/kg is currently listed in Schedule 20 for linuron. This MRL was reviewed as part of M1023 and no change is proposed.

Lufenuron

An *All other foods except animal food commodities* MRL of 0.02 mg/kg is currently listed in Schedule 20 for lufenuron. This MRL was reviewed as part of M1023 and it was repealed as this chemical is not registered for use in Australia.

Mefentrifluconazole

An *All other foods except animal food commodities* MRL of 0.02 mg/kg is currently listed in Schedule 20 for mefentrifluconazole. This MRL was reviewed as part of M1023 and no change is proposed.

Mepiquat

An *All other foods except animal food commodities* MRL of 0.1 mg/kg is proposed for mepiquat based on the following considerations:

Considerations	Comments
Limit of determination (LOD)	*0.02; *0.05 mg/kg (EU Pesticide Database)
Lowest plant commodity MRL	0.2 mg/kg (Cotton seed oil, crude)
Magnitude of existing plant commodity MRLs	The range of existing MRLs is 0.2 (Cotton seed oil, crude) to 20 mg/kg (Dried grapes (currants, raisins and sultanas).
Lowest plant commodity MRL that is not the LOD	0.2 mg/kg

Most relevant reference point to minimise off-label use	0.1 mg/kg
Consumption amount used in NEDI calculation for *All other foods except animal commodities*	44.6 g/kg bw/day
Chronic dietary exposure (NEDI) considering existing permissions and proposed M1023 MRLs	2.6% of the ADI
Proposed *All other foods except animal commodities* MRL	0.1 mg/kg
NEDI including *All other foods except animal commodities* MRL, existing permissions and proposed M1023 MRLs	2.7% of the ADI
Percentage contribution of *All other foods except animal commodities* to total chronic dietary exposure	An *All other foods except animal commodities* MRL of 0.1 mg/kg represents a contribution of 5% to total dietary exposure which is within the 20% limit.
Acute dietary exposure assessment (NESTI)	Children 2-6 years of age (worse case – currently pineapples), 2% of the ARfD. Population aged 2 years and above [worse case – currently milks (group)], <1% of the ARfD. .
Conclusion	After considering the principles established and agreed in FSANZ proposal P1027, an *All other foods except animal commodities* MRL of 0.1 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.

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 as part of M1023 and no change is proposed.

Metamitron

Metamitron was considered for an *All other foods except animal food commodities* MRL, however there was no practical limit that would minimise off-label use.

Methiocarb

Methiocarb was considered for an *All other foods except animal food commodities* MRL, however there was no practical limit that would minimise off-label use.

Metolachlor

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for metolachlor is currently listed in Schedule 20. This MRL was reviewed as part of M1023 and no change is proposed.

Metsulfuron-methyl

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

Considerations	**Comments**
Limit of determination (LOD)	*0.01; *0.02; T*0.05 mg/kg (Schedule 20)
Lowest plant commodity MRL	0.01 mg/kg [Poppy seeds; Citrus fruits (group)]
Magnitude of existing plant commodity MRLs	The range of MRLs is 0.01 [Poppy seeds; Citrus fruits (group)] to 0.2 [Mung bean (dry)].

Lowest plant commodity MRL that is not the LOD	0.01 mg/kg
Most relevant reference point to minimise off-label use	0.05 mg/kg
Consumption amount used in NEDI calculation for *All other foods except animal commodities*	41.6 g/kg bw/day
Chronic dietary exposure (NEDI) considering existing permissions and proposed M1023 MRLs	14.4% of the ADI
Proposed *All other foods except animal commodities* MRL	0.05 mg/kg
NEDI including *All other foods except animal commodities* MRL, existing permissions and proposed M1023 MRLs	16.5% of the ADI
Percentage contribution of *All other foods except animal commodities* to total chronic dietary exposure	An *All other foods except animal commodities MRL* of 0.05 mg/kg represents a contribution of 13% to total dietary exposure which is within the 20% limit.
Acute dietary exposure assessment (NESTI)	An acute dietary exposure assessment is considered unnecessary for Metsulfuron-methyl because the APVMA and JMPR have not established an ARfD.
Conclusion	After considering the principles established and agreed in FSANZ proposal P1027, an *All other foods except animal commodities* MRL of 0.05 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.

Milbemectin

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

Myclobutanil

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for myclobutanil is currently listed in Schedule 20. This MRL was reviewed as part of M1023 and no change is proposed.

Naphthalene acetic acid

Naphthalene acetic acid was considered for an *All other foods except animal food commodities* MRL, however there was no practical limit that would minimise off-label use.

Napropamide

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for napropamide is currently listed in Schedule 20. This MRL was reviewed as part of M1023 and no change is proposed.

Nicarbazin

Nicarbazin was excluded from consideration of an *All other foods except animal food commodities* MRL because currently there are no plant commodities MRL in Schedule 20 for this chemical.

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 as part of M1023 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 M1023 and no change is proposed.

Paclobutrazol

An MRL of 0.01 mg/kg for *All other foods except animal food commodities* for paclobutrazol is currently listed in Schedule 20. This MRL was reviewed as part of M1023 and no change is proposed.

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 as part of M1023 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 as part of M1023 and no change is proposed.

Phorate

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

Phosmet

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for phosmet is currently listed in Schedule 20. This MRL was reviewed as part of M1023 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 as part of M1023 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 as part of M1023 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 as part of M1023 and no change is proposed.

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 as part of M1023 and no change is proposed.

Pymetrozine

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for pymetrozine is currently listed in Schedule 20. This MRL was reviewed as part of M1023 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 as part of M1023 and no change is proposed.

Pyridaben

An *All other foods except animal food commodities* MRL of 0.1 mg/kg is proposed for pyridaben based on the following considerations:

Considerations	Comments
Limit of determination (LOD)	*0.01; *0.05 mg/kg as indicated in EU Pesticide Database
Lowest plant commodity MRL	0.5 mg/kg [stone fruits, pome fruits, citrus fruits (except kumquats), cranberry, banana]
Magnitude of existing plant commodity MRLs	The range of existing MRLs is 0.5 [stone fruits, pome fruits, citrus fruits (except kumquats), cranberry, banana] to 10 mg/kg (Hops, dry)
Lowest plant commodity MRL that is not the LOD	0.5 mg/kg
Most relevant reference point to minimise off-label use	0.1 mg/kg
Consumption amount used in NEDI calculation for *All other foods except animal commodities*	40.0 g/kg bw/day
Chronic dietary exposure (NEDI) considering existing permissions and proposed M1023 MRLs	35.1% of the ADI
Proposed *All other foods except animal commodities* MRL	0.1 mg/kg
NEDI including *All other foods except animal commodities* MRL, existing permissions and proposed M1023 MRLs	39.1% of the ADI
Percentage contribution of *All other foods except animal commodities* to total chronic dietary exposure	An *All other foods except animal commodities* MRL of 0.1 mg/kg represents a contribution of 10% to total dietary exposure which is within the 20% limit.
Acute dietary exposure assessment (NESTI)	An acute dietary exposure assessment is considered unnecessary for pyridaben because the APVMA and JMPR have not established an ARfD. .
Conclusion	After considering the principles established and agreed in FSANZ proposal P1027, an *All other foods except animal commodities* MRL of 0.1 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.

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 as part of M1023 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 as part of M1023 and no change is proposed.

Pyroxasulfone

An MRL of 0.01 mg/kg for *All other foods except animal food commodities* for pyroxasulfone is currently listed in Schedule 20. This MRL was reviewed as part of M1023 and no change is proposed.

Quizalofop-P-tefuryl

An MRL of 0.01 mg/kg for *All other foods except animal food commodities* for quizalofop-P-tefuryl is currently listed in Schedule 20. This MRL was reviewed as part of M1023 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 as part of M1023 and no change is proposed.

Spiromesifen

An *All other foods except animal food commodities* MRL of 0.2 mg/kg is proposed for spiromesifen based on the following considerations:

Considerations	Comments
Limit of determination (LOD)	*0.03 mg/kg [Dry beans (subgroup), Soya bean oil, crude]; *0.15 mg/kg (Succulent beans without pods) Schedule 20.
Lowest plant commodity MRL	0.02 mg/kg (Potato)
Magnitude of existing plant commodity MRLs	The range of MRLs is 0.02 (Potato) to 50 (Tea, green, black).
Lowest plant commodity MRL that is not the LOD	0.02 mg/kg (Potato) however is not an above ground commodity; the next lowest non-LOQ plant MRL is 0.07 mg/kg [Citrus fruit (group)].
Most relevant reference point to minimise off-label use	0.15 mg/kg
Consumption amount used in NEDI calculation for *All other foods except animal commodities*	40.2 g/kg bw/day
Chronic dietary exposure (NEDI) considering existing permissions and proposed M1023 MRLs	10.4% of the ADI
Proposed *All other foods except animal commodities* MRL	0.2 mg/kg
NEDI including *All other foods except animal commodities* MRL, existing permissions and proposed M1023 MRLs	13.1% of the ADI
Percentage contribution of *All other foods except animal commodities* to total chronic dietary exposure	An *All other foods except animal commodities* MRL of 0.2 mg/kg represents a contribution of 20% to total dietary exposure which is within the 20% limit.

Acute dietary exposure assessment (NESTI)	An acute dietary exposure assessment is considered unnecessary for spiromesifen because the APVMA Health Assessment Team (HAT) considered an ARfD to be unnecessary.
Conclusion	After considering the principles established and agreed in FSANZ proposal P1027, an *All other foods except animal commodities* MRL of 0.2 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.

Spiropidion

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

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 as part of M1023 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 as part of M1023 and no change is proposed.

Tebufenpyrad

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for tebufenpyrad is currently listed in Schedule 20. This MRL was reviewed as part of M1023 and no change is proposed.

Tetracycline

Tetracycline was excluded from consideration of an *All other foods except animal food commodities* MRL as it can be used as a veterinary medicine.

Tetraniliprole

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for tetraniliprole is currently listed in Schedule 20. This MRL was reviewed as part of M1023 and no change is proposed.

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 as part of M1023 and no change is proposed.

Thiophanate-methyl

An MRL of 0.1 mg/kg for *All other foods except animal food commodities* for thiophanate-methyl is currently listed in Schedule 20. This MRL was reviewed as part of M1023 and no change is proposed.

Tiafenacil

An MRL of 0.01 mg/kg for *All other foods except animal food commodities* for tiafenacil has been proposed by FSANZ as a result of upcoming amendments to Schedule 20 being made by APVMA. This MRL is expected to be gazetted before the gazettal of M1023.

Trichlorfon

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for trichlorfon is currently listed in Schedule 20. This MRL was reviewed as part of M1023 and no change is proposed.

Tricyclazole

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

Triflumuron

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

Considerations	Comments
Limit of determination (LOD)	*0.05 mg/kg (Schedule 20)
Lowest plant commodity MRL	0.05 mg/kg (Cereal grains (except sweet corns); Palm nuts; Peanut; Citrus fruits (group)]
Magnitude of existing plant commodity MRLs	The range of MRLs is 0.05 [Cereal grains [except sweet corns], Citrus fruits, Palm nuts, Peanut) to 0.1 (Mushrooms, Soya bean (dry))
Lowest plant commodity MRL that is not the LOD	0.05 mg/kg
Most relevant reference point to minimise off-label use	0.1 mg/kg
Consumption amount used in NEDI calculation for *All other foods except animal commodities*	41.4 g/kg bw/day
Chronic dietary exposure (NEDI) considering existing permissions and proposed M1023 MRLs	11.5% of the ADI
Proposed *All other foods except animal commodities* MRL	0.05 mg/kg
NEDI including *All other foods except animal commodities* MRL, existing permissions and proposed M1023 MRLs	14.1% of the ADI
Percentage contribution of *All other foods except animal commodities* to total chronic dietary exposure	An *All other foods except animal commodities MRL* of 0.05 mg/kg represents a contribution of 18% to total dietary exposure which is within the 20% limit.
Acute dietary exposure assessment (NESTI)	An acute dietary exposure assessment is considered unnecessary for triflumuron because the JMPR considered an ARfD to be unnecessary.
Conclusion	After considering the principles established and agreed in FSANZ proposal P1027, an *All other foods except animal commodities* MRL of 0.05 mg/kg is acceptable because it has been shown to be practical, adequately manages the risk of off-label use and does not increase the level of concern about the risk to public health.

Triforine

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

Considerations	Comments
Limit of determination (LOD)	*0.01 mg/kg (EU Pesticide Database)

Lowest plant commodity MRL	1 mg/kg (Pome fruits)
Magnitude of existing plant commodity MRLs	The range of MRLs is 1 (Pome fruits) to 10 [Stone fruits (except jujube, Chinese)].
Lowest plant commodity MRL that is not the LOD	1 mg/kg
Most relevant reference point to minimise off-label use	0.02 mg/kg
Consumption amount used in NEDI calculation for *All other foods except animal commodities*	43.9 g/kg bw/day
Chronic dietary exposure (NEDI) considering existing permissions and proposed M1023 MRLs	18.2% of the ADI
Proposed *All other foods except animal commodities* MRL	0.02 mg/kg
NEDI including *All other foods except animal commodities* MRL, existing permissions and proposed M1023 MRLs	18.5% of the ADI
Percentage contribution of *All other foods except animal commodities* to total chronic dietary exposure	An *All other foods except animal commodities* MRL of 0.02 mg/kg represents a contribution of 2% to total dietary exposure which is within the 20% limit.
Acute dietary exposure assessment (NESTI)	Children 2-6 years of age (worse case – currently pineapples), <1% of the ARfD. Population aged 2 years and above [worse case – currently milks (group)], <1% of the ARfD. .
Conclusion	After considering the principles established and agreed in FSANZ proposal P1027, an *All other foods except animal commodities* MRL of 0.02 mg/kg is acceptable because it has been shown to be practical, adequately manages the risk of off-label use and does not increase the level of concern about the risk to public health.