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Supporting document 1

**Dietary exposure assessments and proposed MRL changes –
Proposal M1017**

Maximum Residue Limits (2019)

Executive summary

This Supporting Document provides information relating to the results of the dietary exposure assessments (DEA) undertaken for the requested agricultural and veterinary (agvet) chemicals and food commodities for the 2019 Maximum Residue Limit (MRL) Harmonisation Proposal, M1017.

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

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

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

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

The dietary exposure estimates for all chemicals with proposed MRLs in M1017 are below relevant HBGVs, indicating negligible health and safety concerns to Australian consumers. The proposed MRL changes, origin of requests, commodity descriptions, comparisons with Codex MRLs and the dietary exposure estimates for the Australian population are given in Table 1 of this document. The summaries of existing or proposed *All other foods except animal food commodities* MRLs are set out in the Appendix.

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1. Introduction

This Supporting Document provides information relating to the results of the dietary exposure assessments undertaken for each of the requested agvet chemicals and food commodities for the 2019 MRL Harmonisation Proposal, M1017.

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

The risk assessment estimated dietary exposures for all agvet chemicals where the APVMA or JMPR had established a relevant Health Based Guidance Value (HBGV), such as an Acceptable Daily Intake (ADI) or Acute Reference Dose (ARfD). On occasions, when a HBGV was not established by the APVMA or JMPR, an alternate HBGV was used.

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

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

2. Chronic Dietary Exposure Assessment

The National Estimated Daily Intake (NEDI) represents an estimate of chronic dietary exposure. 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. Chemical residue trial data, as opposed to the MRL, are the preferred concentration data used if available, as they provide a more realistic estimate of dietary exposure.

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

The NEDI calculation may incorporate more specific data as appropriate. The NEDI calculation may also take into account factors such as the proportion of the crop or commodity treated with the chemical, the residues in edible portions and the effects of processing and cooking on the residue levels. It may use supervised trials median

residue (STMR) levels rather than the MRLs to represent chemical residue levels. Chemical concentration data from monitoring and surveillance activities or the Australian Total Diet Studies (ATDS) may also be used if necessary.

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

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

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

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

3. Acute Dietary Exposure Assessment

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

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

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

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

4. *All other foods except animal food commodities* MRLs

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

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

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

5. Food consumption data used

5.1 NEDI calculation

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

If no consumption was recorded for a food commodity in the nutrition survey, a default

value of 0.0001 g/kg bw/day was assigned, except in the case of edible vegetable oils, where 'market share' data from Euromonitor 2016 was used to estimate the 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.

5.2 NESTI calculation

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

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

ARfDs for chemicals may be set for specific population sub-groups where necessary. Therefore, large portion food consumption data was 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).

6. Results of assessment

For all MRLs proposed in M1017, 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 1. Summaries of dietary exposure assessments for the proposed *All other foods except animal food commodities* MRLs for all chemicals considered are set out in the Appendix to this document. The Interpretive Guide (Figure 1) is only an **example** that provides relevant information to assist with interpreting Table 1.

| Chemical and commodity requested | Pre-M10XX MRL (mg/kg) | Post M10XX MRL (mg/kg) | MRL change | Origin of MRL requested | Commodity description in trading partners' standards | Commodity description in Codex, MRL in mg/kg (and year established) | NEDI (% ADI) | NESTI (% ARfD) 2-6 years | NESTI (% ARfD) 2+ years | NESTI (% ARfD) Women 16-44 years |
|--|-----------------------|------------------------|------------|-------------------------|--|---|--------------|--------------------------|-------------------------|----------------------------------|
| 2,4-D | | | | | | | 64% | | | |
| All other foods except animal food commodities | None | 0.05 | New | FSANZ | | | | <1% | <1% | Not required |
| Cherries | None | 0.05 | New | U.S. | Fruit, stone, group 12 | Stone fruits 0.05 (2001) | | <1% | <1% | Not required |

Annotations:

- Pre-M1017 MRLs sourced from Schedule 20 (ID: F2019C00658, registered 19 Aug 2019)
- Proposed MRL for preparing the draft variation
- Origin of the proposed MRL change: trading partner, Codex, the APVMA or FSANZ
- Provided where different from the requested commodity/MRL. Not provided for APVMA/FSANZ requests
- The National Estimate of Dietary Intake (NEDI) is an assessment of the chronic exposure which is compared to the acceptable daily intake (ADI). Provided for all chemicals except for deletions or reductions
- Food/s to which the proposed MRLs apply
- A 'T' indicates the limit is temporary. An asterisk indicates the limit is at or about the limit of analytical quantification
- How the MRL is proposed to be changed? i.e. new, increased, decreased, maintained or deleted
- Provided where the origin of the MRL is not Codex and different to requested commodity
- The National Estimate of Short Term Intake (NESTI) is an assessment of the acute exposure which is compared to the acute reference dose (ARfD). Not all chemicals have an ARfD. The NESTI reflects a worst case scenario. Not provided for APVMA deletions/reductions (where the net effect is a reduction in estimated exposure)

Figure 1: Interpretive guide to the proposed MRL changes

Table 1: Requested and proposed MRLs for the various commodities and their dietary exposure estimates¹

| Chemical and commodity requested | Pre-M1017 MRL (mg/kg) | Post M1017 MRL (mg/kg) | MRL change | Origin of MRL requested | Commodity description in trading partners' standards | Commodity description in Codex, MRL in mg/kg (and year established) | NEDI (% ADI) ² | NESTI (% ARfD) 2-6 years | NESTI (% ARfD) 2+ years | NESTI (% ARfD) Women 16-44 years |
|-------------------------------------|-----------------------|------------------------|------------|-------------------------|--|---|---------------------------|--------------------------|-------------------------|----------------------------------|
| Abamectin | | | | | | | 42% | | | |
| Coriander (leaves, stem, roots) | T0.5 ³ | None | Deleted | APVMA | | | | Not required | Not required | |
| Herbs | T0.5 | None | Deleted | APVMA | | | | Not required | Not required | |
| Kaffir lime leaves | T0.5 | None | Deleted | APVMA | | | | Not required | Not required | |
| Lemon grass | T0.5 | None | Deleted | APVMA | | | | Not required | Not required | |
| Pome fruit | 0.01 | 0.02 | Increased | U.S. | Fruit, pome, group 11-10 | Pome fruits 0.01 (2016) | | 86% | 25% | Not required |
| Acephate | | | | | | | 99% | | | |
| Peanut | None | 0.2 | New | U.S. | Peanut | Commodity not listed | | <1% | <1% | Not required |
| Acequinocyl | | | | | | | 10% | | | |
| Hops, dry | 4 | 15 | Increased | U.S. | Hop, dried cones | Commodity not listed | | Not required | Not required | Not required |
| Benzovindiflupyr | | | | | | | 4% | | | |
| Pome fruit | None | 0.2 | New | U.S. | Fruit, pome, group 11-10 | Pome fruits 0.2 (2017) | | 17% | 5% | Not required |
| Boscalid | | | | | | | 64% | | | |
| Chervil | T30 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Coriander (leaves, roots and stems) | T30 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Herbs | T30 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Currants, black, red, white | None | 15 | New | EU | Currants (black, red and white) | Berries and other small fruits 10 (2010) | | Not required | Not required | Not required |

¹ Note changes to residue definitions for Clothianidin and Thiamethoxam are not included in this table.

² The %ADI includes existing commodities listed in schedule 20 permitted to contain the chemical, not just the requested commodity(s).

³ The symbol 'T' indicates that the MRL is a temporary MRL

| Chemical and commodity requested | Pre-M1017 MRL (mg/kg) | Post M1017 MRL (mg/kg) | MRL change | Origin of MRL requested | Commodity description in trading partners' standards | Commodity description in Codex, MRL in mg/kg (and year established) | NEDI (% ADI) ² | NESTI (% ARfD) 2-6 years | NESTI (% ARfD) 2+ years | NESTI (% ARfD) Women 16-44 years |
|----------------------------------|-----------------------|------------------------|------------|-------------------------|--|---|---------------------------|--------------------------|-------------------------|----------------------------------|
| Buprofezin | | | | | | | Not required | | | |
| Chervil | T50 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Coriander (leaves, stems, roots) | T50 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Herbs | T50 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Mizuna | T50 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Rucola [Rocket] | T50 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Carbendazim | | | | | | | 15% | | | |
| Strawberry | None | 1 | New | Codex | | Berries and other small fruits (except grapes) 1 (2006) | | 14% | 4% | Not required |
| Chlorothalonil | | | | | | | 45% | | | |
| Peanut | 0.2 | 0.3 | Increased | U.S. | Peanut | Peanut 0.1 (2011) | | <1% | <1% | Not required |
| Clofentezine | | | | | | | 18% | | | |
| Stone fruits [except plums] | 0.1 | 1 | Increased | U.S. | Apricot Peach, subgroup 12-12B | Stone fruits 0.5 (2008) | | Not required | Not required | Not required |
| Clothianidin | | | | | | | 12% | | | |
| Wine-grapes | *0.02 ⁴ | 0.07 | Increased | APVMA | | | | 1% | 1% | Not required |
| Cypermethrin | | | | | | | Not required | | | |
| Coriander (leaves, stem, roots) | T5 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Coriander, seed | T1 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Herbs | T5 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Lemon balm | T5 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Parsley | None | T5 | New | APVMA | | | | Not required | Not required | Not required |

⁴ An asterisk (*) indicates that the maximum residue limit is set at the limit of determination

| Chemical and commodity requested | Pre-M1017 MRL (mg/kg) | Post M1017 MRL (mg/kg) | MRL change | Origin of MRL requested | Commodity description in trading partners' standards | Commodity description in Codex, MRL in mg/kg (and year established) | NEDI (% ADI) ² | NESTI (% ARfD) 2-6 years | NESTI (% ARfD) 2+ years | NESTI (% ARfD) Women 16-44 years |
|--|-----------------------|------------------------|------------|-------------------------|--|---|---------------------------|--------------------------|-------------------------|----------------------------------|
| Cyproconazole | | | | | | | Not required | | | |
| Pulses [except chickpea (dry); lentil (dry)] | T0.07 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Deltamethrin | | | | | | | 71% | | | |
| Strawberry | None | 0.2 | New | EU | Berries and small fruits, Strawberry | Strawberry 0.2 (2004) | | 3% | <1% | Not required |
| Difenoconazole | | | | | | | 67% | | | |
| Strawberry | 0.4 | 2 | Increased | EU | Berries and small fruits, Strawberry | Strawberry 2 (2018) | | 5% | 1% | Not required |
| Dimethomorph | | | | | | | 9% | | | |
| Strawberry | None | 0.7 | New | EU | Berries and small fruits, Strawberry | Strawberry 0.5 (2015) | | 1% | <1% | Not required |
| Dithiocarbamates | | | | | | | Not required | | | |
| Herbs [except Parsley] | T5 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Basil | None | T5 | New | APVMA | | | | Not required | Not required | Not required |
| Emamectin | | | | | | | Not required | | | |
| Bergamot | T0.05 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Coriander (leaves, stem, roots) | T0.05 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Coriander seed | T0.05 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Dill seed | T0.05 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Fennel seed | T0.05 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Gooseberry | T0.05 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Herbs | T0.05 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Kaffir lime leaves | T0.05 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Lemon grass | T0.05 | None | Deleted | APVMA | | | | Not required | Not required | Not required |

| Chemical and commodity requested | Pre-M1017 MRL (mg/kg) | Post M1017 MRL (mg/kg) | MRL change | Origin of MRL requested | Commodity description in trading partners' standards | Commodity description in Codex, MRL in mg/kg (and year established) | NEDI (% ADI) ² | NESTI (% ARfD) 2-6 years | NESTI (% ARfD) 2+ years | NESTI (% ARfD) Women 16-44 years |
|---|-----------------------|------------------------|------------|-------------------------|---|---|---------------------------|--------------------------|-------------------------|----------------------------------|
| Lemon verbena (fresh weight) | T0.05 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Salad burnett | T0.05 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Endosulfan | | | | | | | 3% | | | |
| Cocoa bean | None | 0.2 | New | Codex | | Cocoa bean 0.2 (2007) | | 2% | 1% | Not required |
| Etridiazole | | | | | | | Not required | | | |
| Beetroot | *0.02 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Cotton seed | *0.02 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Peanut | *0.02 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Vegetables [except as otherwise listed under this chemical] | 0.2 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Fenazaquin | | | | | | | 5% | | | |
| Citrus fruits | None | 0.4 | New | U.S. | Fruit, Citrus, Group 10-10 | Commodity not listed | | 23% | 8% | Not required |
| Grapes, dried (raisins) | None | 0.8 | New | U.S. | Grape, raisin | Commodity not listed | | 4% | <1% | Not required |
| Grapes (except dried)/ Berries and other small fruits | None | 0.7 | New | U.S. | Fruit, small vine climbing, except fuzzy kiwifruit, subgroup 13-07F | Commodity not listed | | 13% | 19% | Not required |
| Hops, dry | None | 30 | New | U.S. | Hop, dried cones | Hops, dry | | 3% | 2% | Not required |
| Stone fruits | None | 2 | New | U.S. | Fruit, stone, group 12-12 | Commodity not listed | | 61% | 22% | Not required |
| Legume vegetables | None | 0.4 | New | U.S. | Vegetable, legume, edible podded, subgroup 6A | Commodity not listed | | 2% | <1% | Not required |
| Fenhexamid | | | | | | | Not required | | | |
| Chervil | T15 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Coriander (leaves, stems and roots) | T15 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Herbs | T15 | None | Deleted | APVMA | | | | Not required | Not required | Not required |

| Chemical and commodity requested | Pre-M1017 MRL (mg/kg) | Post M1017 MRL (mg/kg) | MRL change | Origin of MRL requested | Commodity description in trading partners' standards | Commodity description in Codex, MRL in mg/kg (and year established) | NEDI (% ADI) ² | NESTI (% ARfD) 2-6 years | NESTI (% ARfD) 2+ years | NESTI (% ARfD) Women 16-44 years |
|----------------------------------|-----------------------|------------------------|------------|-------------------------|--|---|---------------------------|--------------------------|-------------------------|----------------------------------|
| Mizuna | T15 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Rucola [Rocket] | T15 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Fenoxycarb | | | | | | | Not required | | | |
| Currant, black | T2 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Currant, red | T2 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Gooseberry | T2 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Fentin | | | | | | | Not required | | | |
| Cacao beans [cocoa beans] | *0.1 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Carrot | 0.2 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Celeriac | 0.1 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Celery | 1 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Coffee beans | *0.1 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Peanut | *0.05 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Pecan | *0.05 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Potato | 0.1 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Rice | *0.1 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Sugar beet | 0.2 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Flazasulfuron | | | | | | | <1% | | | |
| Almonds | None | 0.01 | New | U.S. | | | | Not required | Not required | Not required |

| Chemical and commodity requested | Pre-M1017 MRL (mg/kg) | Post M1017 MRL (mg/kg) | MRL change | Origin of MRL requested | Commodity description in trading partners' standards | Commodity description in Codex, MRL in mg/kg (and year established) | NEDI (% ADI) ² | NESTI (% ARfD) 2-6 years | NESTI (% ARfD) 2+ years | NESTI (% ARfD) Women 16-44 years |
|----------------------------------|-----------------------|------------------------|------------|-------------------------|---|--|---------------------------|--------------------------|-------------------------|----------------------------------|
| Fonicamid | | | | | | | 14% | | | |
| Hops, dry | 7 | 20 | Increased | U.S. | Hop, dried cones | Hops, dry 20 (2016) | | Not required | Not required | Not required |
| Fluazifop-p-butyl | | | | | | | Not required | | | |
| Herbs | T2 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Parsley | None | T2 | New | APVMA | | | | Not required | Not required | Not required |
| Fluopicolide | | | | | | | 24% | | | |
| Hops, dry | None | 15 | New | U.S. | Hop, dried cones | Commodity not listed | | Not required | Not required | <1% |
| Fuopyram | | | | | | | 81% | | | |
| Citrus fruits | None | 1 | New | U.S. | Fruit, citrus, group 10-10 | Mandarins, subgroup of (including mandarin-like hybrids)(includes all commodities in this subgroup) 0.6 (2018) | | 11% | 4% | Not required |
| Potato | 0.03 | 0.1 | Increased | U.S. | Vegetable, tuberous and corm, subgroup 1C | Potato 0.15 (2018) | | <1% | <1% | Not required |
| Peanuts | 0.09 | 0.2 | Increased | U.S. | Peanut | Peanut 0.2 (2018) | | <1% | <1% | Not required |
| Raspberries, red, black | 3 | 5 | Increased | EU | Berries and small fruits, cane fruits, raspberries (red and yellow) | Cane berries 5 (2018) | | 5% | <1% | Not required |
| Currants, black, red, white | None | 7 | New | EU | Berries and small fruits, other berries and small fruits, currants | Commodity not listed | | 9% | 2% | Not required |
| Folpet | | | | | | | <1% | | | |
| Strawberry | None | T5 | New | EU | Berries and small fruits, Strawberry | Strawberry 5 (2006) | | Not required | Not required | 5% |
| Halosulfuron-methyl | | | | | | | 2% | | | |
| Almonds | None | 0.05 | New | U.S. | Nut, tree, group 14 | Chemical not listed | | Not required | Not required | Not required |
| Eggs | None | *0.01 | New | APVMA | | | | Not required | Not required | Not required |

| Chemical and commodity requested | Pre-M1017 MRL (mg/kg) | Post M1017 MRL (mg/kg) | MRL change | Origin of MRL requested | Commodity description in trading partners' standards | Commodity description in Codex, MRL in mg/kg (and year established) | NEDI (% ADI) ² | NESTI (% ARfD) 2-6 years | NESTI (% ARfD) 2+ years | NESTI (% ARfD) Women 16-44 years |
|-------------------------------------|-----------------------|------------------------|------------|-------------------------|--|---|---------------------------|--------------------------|-------------------------|----------------------------------|
| Hexythiazox | | | | | | | 20% | | | |
| Hops, dry | 2 | 20 | Increased | U.S. | Hop, dried cones | Hops, dry 3 (2012) | | Not required | Not required | Not required |
| Imidacloprid | | | | | | | Not required | | | |
| Coriander (leaves, stem, roots) | T5 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Date | T1 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Herbs | T5 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Kaffir lime leaves | T5 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Lemon balm | T5 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Lemon grass | T5 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Mizuna | T5 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Rose and dianthus (edible flowers) | T5 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Teas (Tea and Herb teas) | T10 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Tumeric root | T0.05 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Indoxacarb | | | | | | | Not required | | | |
| Coriander (leaves, roots and stems) | T20 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Herbs | T20 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Lemon balm | T10 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Mexican Tarragon | T20 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Iprodione | | | | | | | 79% | | | |
| Grapes | 20 | 60 | Increased | U.S. | Grape | Grapes 10 (not specified) | | Not required | Not required | Not required |

| Chemical and commodity requested | Pre-M1017 MRL (mg/kg) | Post M1017 MRL (mg/kg) | MRL change | Origin of MRL requested | Commodity description in trading partners' standards | Commodity description in Codex, MRL in mg/kg (and year established) | NEDI (% ADI) ² | NESTI (% ARfD) 2-6 years | NESTI (% ARfD) 2+ years | NESTI (% ARfD) Women 16-44 years |
|-------------------------------------|---|------------------------|------------|-------------------------|--|---|---------------------------|--------------------------|-------------------------|----------------------------------|
| Metalaxyl | | | | | | | 17% | | | |
| Cacao beans | None | 0.2 | New | Codex | | Cacao beans 0.2 (1991) | | Not required | Not required | Not required |
| Hops, dry | 10 | 20 | Increased | U.S. | Hop, dried cones | Hops, dry 10 (not specified) | | Not required | Not required | Not required |
| Strawberry | T0.5 (included in Berries and other small fruits) | 0.6 | Increased | EU | Berries and small fruits, Strawberry | Commodity not listed | | Not required | Not required | Not required |
| Methoxyfenozide | | | | | | | Not required | | | |
| Coriander (leaves, stems and roots) | T20 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Herbs | T20 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Mexican tarragon | T20 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Rucola [Rocket] | T20 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Myclobutanil | | | | | | | Not required | | | |
| Chervil | T2 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Coriander (leaves, stem and roots) | T2 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Herbs | T2 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Mizuna | T2 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Rucola [rocket] | T2 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Oxathiapiprolin | | | | | | | <1% | | | |
| Blackberry | None | 0.5 | New | U.S. | Caneberry subgroup 13-07A | | | Not required | Not required | Not required |
| Raspberry, red, black | None | 0.5 | New | U.S. | Caneberry subgroup 13-07A | Cane berries 0.5 (Adopted by Codex Alimentarius Commission 2019) | | Not required | Not required | Not required |

| Chemical and commodity requested | Pre-M1017 MRL (mg/kg) | Post M1017 MRL (mg/kg) | MRL change | Origin of MRL requested | Commodity description in trading partners' standards | Commodity description in Codex, MRL in mg/kg (and year established) | NEDI (% ADI) ² | NESTI (% ARfD) 2-6 years | NESTI (% ARfD) 2+ years | NESTI (% ARfD) Women 16-44 years |
|-------------------------------------|-----------------------|------------------------|------------|-------------------------|--|--|---------------------------|--------------------------|-------------------------|----------------------------------|
| Pendimethalin | | | | | | | Not required | | | |
| Herbs | *0.05 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Parsley | None | T*0.05 | New | APVMA | | | | Not required | Not required | Not required |
| Phosmet | | | | | | | 88% | | | |
| Stone Fruits (except cherries) | None | 5 | New | U.S. | Peaches, nectarines, apricots, plum | Apricot 10 (2008), Peach 10 (1999), Nectarine 10 (2008), Plum commodity not listed | | 77% | 29% | Not required |
| Phosphorous acid⁵ | | | | | | | Not required | | | |
| Herbs | T150 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Kaffir lime leaves | T150 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Lemon balm | T150 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Lemon grass | T150 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Lemon verbena | T150 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Rose and dianthus (edible flowers) | T150 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Basil | None | T150 | New | APVMA | | | | Not required | Not required | Not required |
| Fennel, leaf | None | T150 | New | APVMA | | | | Not required | Not required | Not required |
| Parsley | None | T150 | New | APVMA | | | | Not required | Not required | Not required |
| Propiconazole | | | | | | | 23% | | | |
| Anise myrtle leaves | T10 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Chervil | T10 | None | Deleted | APVMA | | | | Not required | Not required | Not required |

⁵ In 2001 the TGA advised the APVMA "In view of the nature of the chemical and its pattern of use, application method and rates, and the nature of the potential residues, its impact on public health should be negligible. MRLs are established as there is a need to monitor the agricultural contribution of Phosphorous acid in foods and for trade purposes.

| Chemical and commodity requested | Pre-M1017 MRL (mg/kg) | Post M1017 MRL (mg/kg) | MRL change | Origin of MRL requested | Commodity description in trading partners' standards | Commodity description in Codex, MRL in mg/kg (and year established) | NEDI (% ADI) ² | NESTI (% ARfD) 2-6 years | NESTI (% ARfD) 2+ years | NESTI (% ARfD) Women 16-44 years |
|-------------------------------------|-----------------------|------------------------|------------|-------------------------|--|--|---------------------------|--------------------------|-------------------------|----------------------------------|
| Coriander (leaves, roots and stems) | T10 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Herbs [except Parsley] | T10 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Lemon balm | T10 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Lemon myrtle leaves | T10 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Mizuna | T10 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Rucola [rocket] | T10 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Stone fruit [except plum] | 2 | 4 | Increased | U.S. | Fruit, stone, group 12-12, except plum | Cherry 4 (Adopted by Codex Alimentarius Commission 2019), Peach 5 (2014) | | 41% | 15% | Not required |
| Quinoxyfen | | | | | | | Not required | | | |
| Chervil | T5 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Coriander (leaves, roots and stems) | T5 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Herbs | T5 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Mizuna | T5 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Rucola [Rocket] | T5 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Sethoxydim | | | | | | | 63% | | | |
| Almonds | None | 0.2 | New | U.S. | Nut, tree, group 14 | Chemical not listed | | Not required | Not required | Not required |
| Tebuconazole | | | | | | | Not required | | | |
| Chervil | T0.5 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Coriander (leaves, roots and stems) | T0.5 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Herbs | T0.5 | None | Deleted | APVMA | | | | Not required | Not required | Not required |

| Chemical and commodity requested | Pre-M1017 MRL (mg/kg) | Post M1017 MRL (mg/kg) | MRL change | Origin of MRL requested | Commodity description in trading partners' standards | Commodity description in Codex, MRL in mg/kg (and year established) | NEDI (% ADI) ² | NESTI (% ARfD) 2-6 years | NESTI (% ARfD) 2+ years | NESTI (% ARfD) Women 16-44 years |
|----------------------------------|-----------------------|------------------------|------------|-------------------------|--|---|---------------------------|--------------------------|-------------------------|----------------------------------|
| Lemon balm | T0.5 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Mizuna | T0.5 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Rucola [rocket] | T0.5 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Tebuthiuron | | | | | | | Not required | | | |
| Sugar cane | T0.2 | None | Deleted | APVMA | | | | Not required | Not required | Not required |
| Tetraconazole | | | | | | | 25% | | | |
| Currants, black, red, white | None | 0.2 | New | EU | Berries and small fruits, other berries and small fruits, currants (black, red, white) | Chemical not listed | | 2% | 2% | Not required |
| Triadimenol | | | | | | | 12% | | | |
| Anise myrtle leaves (dried) | None | T0.05 | New | APVMA | | | | <1% | <1% | Not required |
| Lemon myrtle leaves (dried) | None | T0.05 | New | APVMA | | | | <1% | <1% | Not required |
| Trifloxystrobin | | | | | | | 23% | | | |
| Currants, black, red, white | 1.5 | 3 | Increased | EU | Berries and small fruits, other berries and small fruits, currants (black, red, white) | Commodity not listed | | Not required | Not required | Not required |

6.1 Appendix – Dietary exposure assessment summaries for the proposed All other foods except animal food commodities MRLs

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

This appendix relates to all chemicals requested for inclusion in proposal M1017. It should be noted that not all the requested chemicals progressed to the stage of dietary exposure estimates during the risk assessment process and therefore some requested chemicals were not included in the draft Amendment. Chemicals excluded from M1017 may still be listed in this appendix to indicate that they were also not considered for establishment of an *All other foods except animal food commodities* MRL or indicate that a review of an existing *All other foods except animal food commodities* MRL was conducted.

It is important to note that if the registered use of a chemical on a specific commodity is proposed to be removed from schedule 20 (for example, by the APVMA) and a previous harmonisation MRL request for that commodity/chemical combination has been received, the commodity and MRL will remain in schedule 20. Similarly, if a chemical is being deleted from the APVMA MRL Standard, and previous harmonisation requests for the chemical have been received, these will also remain in schedule 20.

However, if a chemical had a registered use in Australia and FSANZ had established an *All other foods except animal food commodities* MRL and the chemical has subsequently been removed from schedule 20, the *All other foods except animal food commodities* MRL will also be removed. Any MRL for specific commodities included in schedule 20 under a harmonisation request for that chemical will remain in schedule 20 (unless other considerations warrant them being removed or amended).

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

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

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Abamectin

An MRL of 0.01 mg/kg for *All other foods except animal food commodities* for abamectin is currently listed in schedule 20. This MRL was reviewed as part of M1017 and no change is proposed.

Acephate

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

Acequinocyl

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

Benzovindiflupyr

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

Boscalid

An MRL of 0.5 mg/kg for *All other foods* for boscalid is currently listed in schedule 20. This MRL was reviewed as part of M1017 and no change is proposed.

Buprofezin

An MRL of 0.05 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 M1017 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.

Chlorothalonil

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

Clethodim

Residues arising from the use of Clethodim are covered by the MRLs for Sethoxydim.

Clofentezine

An MRL of 0.02 mg/kg for *All other foods* for clofentezine is currently listed in Schedule 20. This MRL was reviewed as part of M1017 and no change is proposed.

Clothianidin

The current *All other foods except animal food commodities* MRL of 0.02 mg/kg has been temporarily increased to T0.1 by the APVMA as part of their routine process and is listed in schedule 20. MRL was reviewed as part of M1017 and therefore no change is proposed.

Cypermethrin

An MRL of *0.01 mg/kg for *All other foods* for cypermethrin has been established by the APVMA and is listed in schedule 20. This MRL was reviewed as part of M1017 and no change is proposed.

Cyproconazole

An MRL of 0.01 mg/kg for *All other foods except animal food commodities* for cyproconazole is currently listed in schedule 20. This MRL was reviewed as part of M1017 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 M1017 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 M1017 and no change is proposed.

Dimethomorph

An MRL of 0.2 mg/kg for *All other foods except animal food commodities* for dimethomorph is currently listed in schedule 20. This MRL was reviewed as part of M1017 and no change is proposed.

Dithiocarbamates

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

Emamectin

An MRL of 0.005mg/kg for *All other foods except animal food commodities* is currently listed in schedule 20. This MRL was reviewed as part of M1017 and no change is proposed.

Endosulfon

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

Etridiazole

It was not considered appropriate at this time to establish an *All other foods except animal food commodities* MRL based on the APVMA's proposed deletion of all permitted uses of etridiazole in Australia. Therefore no *All other foods except animal food commodities* MRL is proposed.

Fenazaquin

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

Fenhexamid

An MRL of 0.1 mg/kg for *All other foods except animal food commodities* for fenhexamid is currently listed in schedule 20. This MRL was reviewed as part of M1017 and no change is proposed.

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 M1017 and no change is proposed.

Fentin

It was not considered appropriate at this time to establish an *All other foods except animal food commodities* MRL based on the APVMA's proposed deletion of permitted uses of fentin in Australia. Therefore no *All other foods except animal food commodities* MRL is proposed.

Flazasulfuron

Flazasulfuron was excluded from consideration of an *All other foods except animal food commodities* MRL as it is not listed in schedule 20, there are no registered uses of flazasulfuron in Australia.

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 M1017 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 M1017 and no change is proposed.

Fluopicolide

An MRL of 0.01 mg/kg for *All other foods* for fluopicolide has been established by the APVMA and is listed in schedule 20. This MRL was reviewed as part of M1017 and no change is proposed.

Fluopyram

An MRL of 0.1 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 M1017 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 Folpet in Australia.

Halosulfuron-methyl

An *All other foods except animal food commodities* MRL for Halosulfuron-methyl could not be established as even at the LOD, the contribution of *All other foods except animal food commodities* to total dietary exposure exceeded the 20% target. Consequently, there was no MRL that was practical. Therefore no *All other foods except animal food commodities* MRL is proposed.

Haloxyfop

Haloxyfop was excluded from consideration of an *All other foods except animal food commodities* MRL because the NEDI from existing permissions (using the APVMA HBGV) is >80% ADI. FSANZ did consider an *All other foods except animal food commodities* MRL for haloxyfop using the JMPR HBGV. However, even at the lowest practical limit, the contribution to the total dietary exposure exceeded the 20% target. Therefore based on the current permissions, an *All other foods except animal food commodities* MRL could not be established.

Hexythiazox

An MRL of 0.05mg/kg for *All other foods except animal food commodities* for hexythiazox is currently listed in schedule 20. This MRL was reviewed as part of M1017 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 M1017 and no change is proposed.

Indoxacarb

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for indoxacarb is currently listed in schedule 20. This MRL was reviewed as part of M1017 and no change is proposed.

Iprodione

An MRL of 0.1 mg/kg for *All other foods except animal food commodities* for iprodione is currently listed in schedule 20. This MRL was reviewed as part of M1017 and no change is proposed.

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 M1017 and no change is proposed.

Metalaxyl-M (Mefenoxam)

See metalaxyl

Methoxyfenozide

An MRL of 0.03 mg/kg for *All other foods except animal food commodities* for methoxyfenozide is currently listed in schedule 20. This MRL was reviewed as part of M1017 and no change is proposed.

Myclobutanil

An *All other foods except animal food commodities* MRL for myclobutanil is currently listed in schedule 20. Based on the APVMA's proposed deletions or reduction of permitted uses of myclobutanil in Australia this MRL was reviewed as part of M1017 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 as part of M1017 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 M1017 and no change is proposed.

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 M1017 and no change is proposed.

Phosphorous acid

MRLs are established for phosphorous acid as there is a need to monitor the agricultural contribution of phosphorous acid in foods and for trade purposes. However, HBGVs are not established for phosphorous acid, therefore a DEA has not been done and consequently, phosphorous acid was excluded from consideration of an AoF MRL.

Propiconazole

An MRL of 0.05mg/kg for *All other foods except animal food commodities* is currently listed in schedule 20. This MRL was reviewed as part of M1017 and no change is proposed.

Quinoxifen

An MRL of 0.02 mg/kg for *all other foods except animal food commodities* for quinoxifen is currently listed in schedule 20. This MRL was reviewed as part of M1017 and no change is

proposed.

Sethoxydim

An MRL of 0.1mg/kg for *All other foods except animal food commodities* is currently listed in schedule 20. This MRL was reviewed as part of M1017 and no change is proposed.

Tebuconazole

An MRL of 0.05mg/kg for *All other foods except animal food commodities* is currently listed in schedule 20. This MRL was reviewed as part of M1017 and no change is proposed.

Tebuthiuron

It was not considered appropriate at this time to establish an *All other foods except animal food commodities* MRL based on the APVMA's proposed deletion of all plant MRLs as part of M1017. Therefore no *All other foods except animal food commodities* MRL is proposed.

Tetraconazole

An MRL of 0.02 mg/kg for *All other foods except animal food commodities* for tetraconazole is currently listed in schedule 20. This MRL was reviewed as part of M1017 and no change is proposed.

Thiamethoxam

The current *All other foods except animal food commodities* MRL of 0.02 mg/kg has been temporarily increased to T0.5 by the APVMA as part of their routine process and is listed in schedule 20. This MRL was not reviewed as part of M1017 and therefore no change is proposed.

Triadimenol

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for triadimenol is currently listed in schedule 20. This MRL was reviewed as part of M1017 and no change is proposed.

Trifloxystrobin

An MRL of 0.05 mg/kg for *All other foods except animal food commodities* for trifloxystrobin is currently listed in schedule 20. This MRL was reviewed as part of M1017 and no change is proposed.