HAZARDOUS SUBSTANCES – RESTRICTED ENTRY INTERVALS

Public Consultation July 2024

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# Purpose

WorkSafe is seeking your feedback on updated restricted entry intervals for specified pesticides

The deadline for accepting submissions is **5 pm** on **Friday 20 September 2024.**

# What is a restricted Entry Interval?

A restricted entry interval (REI) is the period of time, after a pesticide has been applied to an area, during which residues of the pesticide are likely to be present and could affect the health of workers re-entering the area.

Under regulation 13.23 of the *Health and Safety at Work (Hazardous Substances) Regulations 2017* (the Regulations) WorkSafe may set restricted entry intervals for pesticides to protect persons from the toxic effects of that substance if;

* the human exposure to the substance is primarily through inhalation or contact with skin; and
* scientific data is sufficiently reliable to enable a restricted entry interval to be set.

Regulation 13.24 requires the Person Conducting a Business or Undertaking (PCBU) with management or control of the area to ensure that no person is present in or enters the area until the end of the restricted entry interval, unless they are wearing PPE in accordance with regulation 13.8.

The appropriate PPE will depend on the crop and what type of activities are carried out by the person entering an area during the restricted entry interval. This may range from gloves to more protective types of PPE.

# Consultation for setting Restricted Entry Intervals

WorkSafe consulted in 2022 on new restricted entry intervals for substances that previously had REIs set under HSNO.

For a summary of the submissions please refer to the Summary of Submission REI Consultation 2022 document.

Based on the submissions received WorkSafe have further refined the restricted entry intervals. The refined restricted entry intervals are the subject of this consultation. We would like your feedback on these updated restricted entry intervals.

# How to have your say

Have your say by considering the restricted entry intervals proposed in this document and completing the submission form. If you believe a different restricted entry interval may be appropriate, please remember that WorkSafe can only set a restricted entry interval if the scientific data available is sufficiently reliable to allow one to be set.

WorkSafe is particularly interested in whether the activities chosen that determine the transfer coefficients are the right activities for when the specific pesticides are applied on specific crops.

If you have any questions during public consultation please contact WorkSafe: hazsubs@worksafe.govt.nz

# Your submission may be made public

The Official Information Act 1982 (OIA) allows New Zealand citizens and permanent residents, or anyone in New Zealand, to request official information from the government – including copies of submissions. WorkSafe will let you know if we receive an OIA request for a copy of your submission. The content of your submission may be made available to the public, however you can indicate on the submission form whether you would prefer your details to be kept confidential.

# What happens next

Once the consultation period has ended, we will consider the submissions and amend the proposed restricted entry intervals in light of the feedback we receive.

Once the restricted entry intervals have been finalised and approved they will be published on the WorkSafe New Zealand website [Restricted entry intervals for pesticides | WorkSafe](https://www.worksafe.govt.nz/laws-and-regulations/restricted-entry-intervals-for-pesticides/).

# Background

In December 2017 workplace controls, including restricted entry interval requirements, were transferred from HSNO to the Regulations. The ninety-eight restricted entry intervals that had previously been set in individual approvals under HSNO remain in force until they are replaced under HSWA.

WorkSafe commissioned Toxicology Consulting Ltd to determine appropriate REIs for the 98 substances using the current EPA methodology and EPA input parameters such as the AOEL (acceptable operator exposure level) and transfer coefficients.

WorkSafe consulted in early 2022 on proposed REIs based on the Toxicology Consulting Ltd report. 32 submissions were received. Please refer to the Summary of Submission REI Consultation 2022 document.

It was clear that further work was needed to refine the proposed REIs so WorkSafe set up a working group comprising of industry representatives, including growers, associations and other Government agencies to work through a process to refine the REIs. It was also clear that guidance was needed to clearly set out the expectations for managing an REI.

A number of submitters provided substance specific data and remodelling as well as other methodologies and parameters for calculating REIs. These have been considered in the updated proposal.

There were still a large number of actives/substances where no new data was provided. With the help of Animal Plant and Health New Zealand WorkSafe once again requested substance specific data from importers/manufacturers/suppliers of the substances in the proposal. Unfortunately, no new data was available.

Additional data for foliar DT50 values has been sourced from the American Chemical Society and the Pesticides Properties Database.

The transfer coefficients have been refined by using the USEPA transfer coefficients.

This consultation is the result of the mahi of the working group. WorkSafe would like to acknowledge the working group and thank the members for their input and patience throughout the process.

# Implementation

To provide workers the best protection, once the new REIs have been set they will apply immediately. WorkSafe will notify all submitters and manufacturers/suppliers/importers who have registered products with ACVM that match any of these HSNO approved substances that the REIs have been set. WorkSafe will also notify interested parties through their hazardous substances newsletter.

We are working with the EPA on requiring the REI to be on the label. Manufacturers/suppliers/importers should update their labels the next time labels are updated after the REIs are set.

WorkSafe will consider developing an enforcement policy taking into consideration the time it will take for labels to be updated.

# Proposed Restricted Entry Intervals

The following table lists the revised proposed restricted entry intervals (in alphabetical order of the active ingredient) for each substance. The revised REIs can also be reviewed for a specific crop in the document Consultation 2024 REI Crop document.

For details on how each proposed restricted entry interval was determined please refer to the document Consultation 2024 REI Remodelling.

REIs are proposed for label uses only. Where crops that are on a label are not listed no REI is proposed for those crops.

Entries in *italics* contain more than one active ingredient and duplicate entries under each active ingredient are given in the table.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Substance Name | Active ingredient | Reg 13.23 requirements | | | | Previous HSNO REI | 2022 Proposed REI | 2024 Proposed REI |
| **Approval number and relevant Class 6** | **Pesticide justification** | **Exposure Route** | **AOEL mg/kg bw/Day** |
| Emulsifiable concentrate containing 18 g/litre abamectin (Substance A) | Abamectin  Trade names  Avid  Hortcare Abamectin  Verdex 18EC | HSR000734  6.1D, 6.3A, 6.4A, 6.8A, 6.8C, 6.9B | Used as an insecticide on a range of crops | Dermal | 0.0025 | No REI | **New substance assessed** | Apples and Pears 4 days |
| Emulsifiable concentrate containing 18 g/litre abamectin (Substance B) | Abamectin | HSR000735  6.1D, 6.4A, 6.8B, 6.8C, 6.9B | Used as an insecticide on a range of crops | Dermal | 0.0025 | No REI | **New substance assessed** | Apples and Pears 4 days |
| Voliam Targo | Abamectin | HSR100654  6.1D, 6.8B, 6.8C, 6.9B | Used as an insecticide on apples and pears | Dermal | 0.0025 | No REI | **New substance assessed** | No REI proposed |
| *Tripsol* | *abamectin and acrinathrin* | *HSR100716*  *6.1C (I), 6.1D (O), 6.4A, 6.5B, 6.7B, 6.8B, 6.8C, 6.9B* | *To be used as an insecticide on potatoes and tomatoes and is intended to protect the crops from plant-feeding insects* | *Dermal* | *0.0025 Abamectin* | *24 hr* | *Potatoes 24 hours*  *Tomatoes (outdoor) 24 hours*  *All other crops except: Potatoes: Tomatoes (outdoor) 8 days* | *Until dry based on 6.5B classification* |
| INVERT EW | abamectin | HSR100729  6.1D, 6.3A, 6.4A, 6.8B, 6.8C, 6.9B | Used as an insecticide on a range of crops | Dermal | 0.0025 | No REI | **New substance assessed** | Apples and Pears 4 days |
| Mitex 18EC | abamectin | HSR101002  6.1D, 6.3A, 6.4A, 6.8A, 6.8C, 6.9B | Used as an insecticide on a range of crops | Dermal | 0.0025 | No REI | **New substance assessed** | Apples and Pears 4 days |
| *Solvigo* | *abamectin and thiamethoxam* | *HSR101003*  *6.1B (I), 6.1D (O), 6.8B, 6.8C, 6.9B* | *Solvigo is intended to be used to treat thrips and other insect pests in commercial onion crops* | *Dermal* | *0.0025 abamectin* | *24 hr* | *Bulb onions 11 days*  *All crops except: Bulb onions 21 days* | *Bulb onions 2 days* |
| Abamet | abamectin | HSR101034  6.1D (O), 6.4A, 6.8A, 6.8C, 6.9B | Abamet is intended for use as an insecticide or miticide to control mites on avocados, pipfruit, indoor tomatoes, strawberries and ornamentals, leafroller on kiwifruit, and tomato-potato psyllid on potatoes | Dermal | 0.0025 | 24 hr | Tomatoes (indoor) 48 hours  Strawberries 6 days  Apples and Pears (Pipfruit) 8 days  Avocados 14 days  All crops except: Kiwifruit; Potatoes; Ornamentals; Tomatoes (indoor); Strawberries; Apples, Pears; Avocados 21 days | Apples and Pears 4 days |
| Abba | abamectin | HSR101144  6.1D (O), 6.1E (Aspiration), 6.3A, 6.4A, 6.8A, 6.8C, 6.B | Abba intended for use to control various pests (leafrollers, mites and psyllids) in apple, pear, avocado, tomato, kiwifruit, potato and strawberry crops | Dermal | 0.0025 | 24 hr | Tomatoes (indoor) 48 hours  Strawberries 6 days  Apples and Pears (Pipfruit) 8 days  Avocados 14 days  All crops except: Kiwifruit; Potatoes; Tomatoes (indoor); Strawberries; Apples, Pears; Avocados 21 days | Apples and Pears 4 days |
| Tina Miticide and Insecticide | abamectin | HSR101211  6.1D (O), 6.1E (Aspiration), 6.4A, 6.8B, 6.8C, 6.9B | Intended to control for the control of mites, leafrollers and tomato/potato psyllid in a range of horticultural crops (apples, pears, kiwifruit, strawberries, indoor tomatoes, avocados and potatoes) and ornamental plants. | Dermal | 0.0025 | 24 hr | Tomatoes (indoor) 48 hours  Strawberries 6 days  Apples and Pears (Pipfruit) 8 days  Avocados 14 days  All crops except: Kiwifruit; Potatoes; Ornamentals; Tomatoes (indoor); Strawberries; Apples, Pears; Avocados 21 days | Apples and Pears 4 days |
| Cropro Stealth Miticide and Insecticide | abamectin | HSR101316  6.1D, 6.3A, 6.4A, 6.8A, 6.8C, 6.9B | Used as an insecticide on a range of crops | Dermal | 0.0025 | No REI | **New substance assessed** | Apples and Pears 4 days |
| Soluble concentrate containing 195 g/litre acephate. Also contains ethylene glycol | acephate | HSR000154  6.1D (O), 6.3A, 6.4A, 6.8A, 6.8C, 6.9A | Organophosphate insecticide. | Dermal | 0.0012 | 24 hr | 68 days | *68 days (not re-modelled as no registered products using this approval)* |
| Water soluble powder containing 750 - 970 g/kg acephate | acephate  Trade names  Orthene WSG  Icefate | HSR000155  6.1D (O), 6.8B, 6.9A | Organophosphate insecticide. | Dermal | 0.0012 | 24 hr | Ornamentals 17 days  Tomatoes (outdoor); Boysenberries; Lettuce 24 days  Cabbage, Cauliflower 30 days  Citrus; Tamarillos; Avocados 51 days  All other crops, except: Ornamentals; Tomatoes (outdoor); Boysenberries; Lettuce; Cabbage, Cauliflower; Citrus; Tamarillos; Avocados 68 days | Citrus/tamarillos 47 days  Avocado 21 days  Boysenberries 19 days  Lettuce 18 days  Tomatoes 15 days  Vegetables Brassicas 32 days  Ornamentals 11 days |
| *Emulsifiable concentrate containing 45 g/litre acephate and 8.8 g/litre myclobutanil* | *acephate and myclobutanil* | *HSR000156*  *6.8B, 6.9B* | *Organophosphate insecticide.* | *Dermal* | *0.0012 acephate* | *24 hours* | *68 days* | *68 days (not re-modelled as no registered products using this approval)* |
| *Emulsifiable concentrate containing 45 g/litre acephate and 39 g/litre triforine* | *acephate and triforine* | *HSR000157*  *6.8A, 6.8C, 6.9B 8.2B, 8.3A* | *Organophosphate insecticide.* | *Dermal* | *0.0012 acephate* | *24 hours* | *68 days* | *68 days (not re-modelled as no registered products using this approval)* |
| *Emulsifiable concentrate containing 22.5 g/litre acephate and 19.5 g/litre triforine* | *acephate and triforine* | *HSR000158*  *6.3A, 6.8A, 6.8C, 6.9B, 8.3A* | *Organophosphate insecticide.* | *Dermal* | *0.0012 acephate* | *24 hours* | *68 days* | *68 days (not re-modelled as no registered products using this approval)* |
| Crown 225SL Systemic Insecticide | acetamiprid | HSR100918  6.1D (O), 6.8A, 6.9B | Used for the control of insect pests in ornamental crops in professional ornamental horticulture nurseries. | Dermal | 0.025 | 14 days | 13 days | No REI proposed |
| Actigard | acibenzolar-S-methyl | HSR100588  6.5B, 6.9B, 6.9B | Actigard stimulates systemic acquired resistance reducing the symptoms of Psa-V (the virulent form of pseudomonas syringae pv. actinidiae) on kiwifruit. | Dermal | 0.1 | 12 hr | Kiwifruit 48 hours  All crops except: Kiwifruit 10 days | Until dry based on 6.5B classification |
| *Tripsol* | *acrinathrin and abamectin* | *HSR100716*  *6.1C (I), 6.1D (O), 6.4A, 6.5B, 6.7B, 6.8B, 6.8C, 6.9B* | *To be used as an insecticide on potatoes and tomatoes and is intended to protect the crops from plant-feeding insects* | *Dermal* | *0.0025 abamectin* | *24 hr* | *Potatoes 24 hours*  *Tomatoes (outdoor) 24 hours*  *All other crops except: Potatoes: Tomatoes (outdoor) 8 days* | *Until dry based on 6.5B classification* |
| *Fury 120 SC* | *alpha-cypermethrin and bifenthrin* | *HSR101069*  *6.1D (O), 6.5B, 6.9B (O), 6.9B* | *Insecticide designed for rapid knockdown and residual control of a wide range of internal pests in internal and external areas of domestic, commercial, public and industrial buildings and structures* | *Inhalation* | *0.0075 bifenthrin* | *Until dry* | *No REI proposed* | *No REI proposed* |
| *Zampro* | *ametoctradin and dimethomorph* | *HSR100709*  *6.1D(O), 6.9B* | *Ametoctradin is a preventative fungicide, controlling several fungal pathogens belonging to the Perenosporomycetes class of fungi.*  *Dimethomorph is a systemic morpholine fungicide.* | *Dermal* | *0.15 dimethomorph* | *24 hr* | *No REI proposed* | *No REI proposed* |
| Blossom Protect Component B | 2 strains of Aureobasidium pullulans  Trade Names  Aureo Gold  Botector | HSR101029  6.5A, 6.5B | Intended for use in the protection of pome fruit trees against Erwinia amylovora (fire blight) and in protection of kiwifruit vines from Pseudomonas syringae pv. actinidiae (Psa) | Dermal | NA | 4 hours | 24 hours | *Until dry based on 6.5B classification* |
| Brigade T&O 100g/l SC | bifenthrin | HSR100739  6.1D (O), 6.1D (I), 6.3A, 6.4A, 6.5B, 6.9B | Insecticide liquid, intended for pest control in non-agricultural situations e.g. for use on turf and ornamental plants. | Dermal | 0.0075 | 24 hours | 59 days | Turf 20 days  Ornamentals 4 days |
| *Fury 120 SC* | *bifenthrin and alpha-cypermethrin* | *HSR101069*  *6.1D (O), 6.5B, 6.9B (O), 6.9B* | *Insecticide designed for rapid knockdown and residual control of a wide range of internal pests in internal and external areas of domestic, commercial, public and industrial buildings and structures* | *Inhalation* | *0.0075 bifenthrin* | *Until dry* | *No REI proposed* | *Until dry based on 6.5B classification* |
| Enviromax Bifenthrin 100 SC | bifenthrin | HSR101189  6.1D (O), 6.5B, 6.9A | It is intended to be used to  protect timber structures from subterranean termite damage. | Dermal | 0.0075 | 24 hours | 78 days | No REI proposed as the product is not intended for use on crops which the modelling is designed for |
| Suspension concentrate containing 100 g/litre carbaryl | carbaryl | HSR000441  6.1D (O), 6.4A, 6.7B, 6.9B | Carbamate insecticide. | Dermal | 0.01 | 12 hr | 32 days | *32 days (not re-modelled as no registered products using this approval)* |
| Suspension concentrate containing 500 g/litre carbaryl (Substance A) | carbaryl | HSR000450  6.1C (O), 6.5B, 6.7B, 6.9B | Carbamate insecticide. | Dermal | 0.01 | 12 hr | 32 days | *32 days (not re-modelled as no registered products using this approval)* |
| *Wettable powder containing 115 g/kg carbaryl, 250 g/kg copper as copper oxychloride and 284 g/kg sulphur* | *carbaryl, copper as copper oxychloride and sulphur* | *HSR000594*  *6.1D (O), 6.3A, 6.5B, 6.7B, 6.9B* | *Carbamate insecticide.* | *Dermal* | *0.01 carbaryl* | *12 hr* | *32 days* | *32 days (not re-modelled as no registered products using this approval)* |
| Suspension concentrate containing 500 g/litre carbaryl (Substance C) | carbaryl  Trade Name product  Sevin Flo | HSR000680  6.1C (O), 6.5B, 6.7B, 6.9B | Carbamate insecticide. | Dermal | 0.01 | 12 hr | Maize/Sweetcorn 14 days  Strawberries; Ornamental flowers; Bushfruit and Canefruit; Tamarillos; Cabbages and Field Tomatoes 26 days  Apples, Pears and Nashi; Avocados; Persimmons; Stonefruit 34 days  All other crops, except: Maize/Sweetcorn; Strawberries; Ornamental flowers; Bushfruit and Canefruit; Tamarillos; Cabbages and Field Tomatoes; Apples, Pears and Nashi; Avocadoes; Persimmons; Stonefruit 32 days | Apples, pears, Persimmons, Stonefruit 21[[1]](#footnote-2) days  Tamarillos 13 days  Avocado 5 days  Bushfruit and canefruit 14 days  Maize and sweet corn 12 day days  Ornamentals 24 hrs  Flowers 23 days[[2]](#footnote-3)  Strawberries 12 days  Cabbages and tomatoes 17 days |
| Suspension concentrate containing 500 g/litre carbaryl (Substance B) | carbaryl | HSR000681  6.1C (O), 6.4A, 6.7B, 6.9B | Carbamate insecticide. | Dermal | 0.01 | 12 hr | Maize/Sweetcorn 14 days  Strawberries; Ornamental flowers; Bushfruit and Canefruit; Tamarillos; Cabbages and Field Tomatoes 26 days  Apples, Pears and Nashi; Avocados; Persimmons; Stonefruit 34 days  All other crops, except: Maize/Sweetcorn; Strawberries; Ornamental flowers; Bushfruit and Canefruit; Tamarillos; Cabbages and Field Tomatoes; Apples, Pears and Nashi; Avocadoes; Persimmons; Stonefruit 32 days | Apples, pears, Persimmons, Stonefruit 21[[3]](#footnote-4) days  Tamarillos 13 days  Avocado 5 days  Bushfruit and canefruit 14 days  Maize and sweet corn 12 day days  Ornamentals 24 hrs  Flowers 23 days[[4]](#footnote-5)  Strawberries 12 days  Cabbages and tomatoes 17 |
| *Wettable powder containing 150 - 200 g/kg carbaryl and 150 - 200 g/kg mancozeb* | *carbary****l*** *and mancozeb* | *HSR007696*  *6.1D (O), 6.4A, 6.5B, 6.7B, 6.9B* | *Carbamate insecticide.* | *Dermal* | *0.01 carbaryl* | *12 hr* | *32 days* | *32 days (not re-modelled as no registered products using this approval)* |
| Wettable powder containing 500 g/kg chlorpyrifos | chlorpyrifos | HSR000165  6.1C (O), 6.1C (D), 6.4A, 6.8B, 6.9A | Organophosphate insecticide. | Dermal | 0.01 | 24 hr | 8 days | *8 days (not re-modelled as no registered products using this approval)* |
| Granular material containing 50g/kg chlorpyrifos. Also contains xylene | chlorpyrifos | HSR000170  6.1D (O), 6.3A, 6.8B, 6.9A | Organophosphate insecticide. | Dermal | 0.01 | 24 hours | 8 days | *8 days (not re-modelled as no registered products using this approval)* |
| Emulsifiable concentrate containing 480 g/litre chlorpyrifos | chlorpyrifos | HSR000171  6.1C (O), 6.1D (I), 6.4A, 6.8B, 6.9A | Organophosphate insecticide. | Dermal | 0.01 | 24 hours | 8 days | *8 days (not re-modelled as no registered products using this approval)* |
| *Wettable powder containing 56.25 g/kg carbendazim, 93.75 g/kg chlorpyrifos and 400 g/kg mancozeb* | *chlorpyrifos, carbendazim and mancozeb* | *HSR000173­­­­­*  *6.1D (O), 6.1D (D), 6.4A, 6.5B, 6.6A, 6.8A, 6.9B* | *Organophosphate and other actives insecticide.* | *Dermal* | *0.011 mancozeb* | *24 hr* | *34 days* | *34 days not remodelled as no current registration* |
| Emulsifiable concentrate containing 450 - 500 g/litre chlorpyrifos | chlorpyrifos | HSR000224  6.1C (O), 6.1C (D), 6.1D (I), 6.1E (Aspiration), 6.4A, 6.8B, 6.9A | Organophosphate insecticide. | Dermal | 0.01 | 24 hours | Avocado; Pipfruit, Stonefruit 48 hours  All other crops, except: Avocado; Brassica and Forage crops; Cereals; Cereals and Ryegrass, Grapes (except Table Grapes); Kiwifruit; Lucerne; Maize; Onions; Pasture; Pipfruit, Stonefruit; Squash 8 days | Pipfruit, stonefruit 24 hrs[[5]](#footnote-6) |
| Emulsifiable concentrate containing 480 g/litre chlorpyrifos. Also contains xylene | chlorpyrifos | HSR000225  6.1C (O), 6.1C (D), 6.1D (I), 6.3A, 6.4A, 6.8B, 6.9A | Organophosphate insecticide. | Dermal | 0.01 | 24 hours | Avocado; Pipfruit, Stonefruit 48 hours  All other crops, except: Avocado; Brassica and Forage crops; Cereals; Cereals and Ryegrass, Grapes (except Table Grapes); Kiwifruit; Lucerne; Maize; Onions; Pasture; Pipfruit, Stonefruit; Squash 8 days | Pipfruit, stonefruit 24 hrs[[6]](#footnote-7) |
| Rampage | chlorpyrifos | HSR100018  6.1C (D), 6.1D (O), 6.4A, 6.8B, 6.9A | Organophosphate insecticide. | Dermal | 0.01 | 24 hr | Avocado; Pipfruit, Stonefruit 48 hours  All other crops, except: Avocado; Brassica and Forage crops; Cereals; Cereals and Ryegrass, Grapes (except Table Grapes); Kiwifruit; Lucerne; Maize; Onions; Pasture; Pipfruit, Stonefruit; Squash 8 days | Pipfruit, stonefruit 24 hrs |
| *GF-2595* | *chlorpyrifos and lambda-cyhalothrin* | *HSR100908*  *6.1C (O), 6.1D (I), 6.4A, 6.8B, 6.9A* | *Organophosphate insecticide.* | *Dermal* | *0.00063 lambda-cyhalothrin* | *24 hours* | *Maize 5 days*  *Cereals 12 days*  *Forage brassicas 18 days*  *Potatoes 32 days*  *All other crops, except: Forage brassicas; Cereals; Maize; Potatoes 58 days* | *Maize 5 days*  *Cereals 12 days*  *Forage brassicas 18 days*  *Potatoes 32 days*  *Not remodelled as no current registration* |
| *Wettable powder containing 115 g/kg carbaryl, 250 g/kg copper as copper oxychloride and 284 g/kg sulphur* | *carbaryl, copper as copper oxychloride and sulphur* | *HSR000594*  *6.1D (O), 6.3A, 6.5B, 6.7B, 6.9B* | *Carbamate insecticide.* | *Dermal* | *0.01 carbaryl* | *12 hr* | *32 days* | *32 days (not re-modelled as no registered products using this approval)* |
| *Grainguard Supersmoke* | *deltamethrin and pirimiphos-methyl* | *HSR101001*  *6.1D (O), 6.4A, 6.8B, 6.9A* | *Organophosphate insecticide* | *Inhalation* | *0.0075 deltamethrin* | *27 hours* | *3 hours after ventilation started* | *3 hours after ventilation started* |
| Emulsifiable concentrate containing 800 g/litre diazinon (Substance A) | diazinon | HSR000174  6.1C (D), 6.1D (I), 6.1D (O), 6.4A, 6.7B, 6.8B, 6.9A | Organophosphate insecticide. | Dermal | 0.0002 | 24 hours | 76 days | *76 days (not re-modelled as no registered products using this approval)* |
| Wettable powder containing 500 g/kg of diazinon | diazinon | HSR000177  6.1D (O), 6.1D (D), 6.1D (I), 6.8B, 6.9A | Organophosphate insecticide. | Dermal | 0.0002 | 24 hr | 76 days | *76 days (not re-modelled as no registered products using this approval)* |
| Emulsifiable concentrate containing 200 g/litre diazinon | diazinon | HSR000178  6.1D (O), 6.4A, 6.8B, 6.9A | Organophosphate insecticide. | Dermal | 0.0002 | 24 hours | 76 days | *76 days (not re-modelled as no registered products using this approval)* |
| *Emulsifiable concentrate containing 500 g/litre diazinon and 25 g/litre permethrin* | *diazinon and permethrin* | *HSR000179*  *6.1D (O), 6.1D (D), 6.1D (I), 6.1E (Aspiration), 6.5A, 6.5B, 6.8B, 6.9A* | *Organophosphate insecticide.* | *Dermal* | *0.0002 diazinon* | *24 hours* | *76 days* | *76 days (not re-modelled as no registered products using this approval)* |
| Emulsion (oil in water) containing 500 - 600 g/litre diazinon | diazinon  Trade name  Synergy Diazinon Liquid  Zagro Diazinon 600EW  Diazol Insecticide  Synergy Diazinon Liquid  Caligula  DEW 600  Dianex 600 EW | HSR000180  6.1D (O), 6.1D (D), 6.1D (I), 6.8B, 6.9A | Organophosphate insecticide. | Dermal | 0.0002 | 24 hours | Cereals; Forage brassicas 40 days  Pasture 46 days  Seed crops (grass, clover, vegetables, ryegrass); Strawberries 57 days  Apples, Pears; Tomatoes (outdoor); Avocados; Mandarins, Oranges 72 days  All other crops, except: Cereals; Forage brassicas; Pasture; Apples, Pears; Seed crops (grass, clover, vegetables, ryegrass); Strawberries; Tomatoes (outdoor); Avocados; Mandarins, Oranges 76 days | Apples, pears , mandarins, oranges 12 days  Avocados 10 days  Tomatoes 13 days  Strawberries 13 days  Forage brassicas 12 days  Cereals 12 days  Ornamentals 6 days |
| Emulsifiable concentrate containing 800 g/litre diazinon (Substance B | diazinon | HSR000181  6.1D (O), 6.1D (D), 6.1D (I), 6.3A, 6.4A, 6.8B, 6.9A | Organophosphate insecticide. | Dermal | 0.0002 | 24 hours | 76 days | *76 days (not re-modelled as no registered products using this approval)* |
| Emulsifiable concentrate containing 95 g/litre diazinon | diazinon | HSR000182  6.1D (D), 6.3A, 6.4A, 6.5B, 6.8B, 6.9A | Organophosphate insecticide. | Dermal | 0.0002 | 24 hours | 76 days | *76 days (not re-modelled as no registered products using this approval)* |
| Emulsifiable concentrate containing 800 g/litre diazinon (Substance C) | diazinon | HSR000183  6.1C (D), 6.1D (O), 6.1D (I), 6.3A, 6.4A, 6.8B, 6.9A | Organophosphate insecticide. | Dermal | 0.0002 | 24 hours | 76 days | *76 days (not re-modelled as no registered products using this approval)* |
| Emulsifiable concentrate containing 600 g/litre diazinon | diazinon | HSR000184  6.1D (O), 6.1D (D), 6.1D (I), 6.8B, 6.9A | Organophosphate insecticide. | Dermal | 0.0002 | 24 hours | 76 days | *76 days (not re-modelled as no registered products using this approval)* |
| Diazamax 800 | Diazinon  Trade name  Diazol 800 Insecticide | HSR002481  6.1D (O), 6.1D (D), 6.1D (I), 6.8B, 6.9A | Organophosphate insecticide | Dermal | 0.0002 | 24 hours | Cereals 39 days  Pasture; Forage brassicas 49 days  Seed crops (grass, clover, vegetables, ryegrass) 53 days  Apples, Pears; Tomatoes (outdoor) 68 days  All other crops, except: Cereals; Forage brassicas; Pasture; Apples, Pears; Seed crops (grass, clover, vegetables, ryegrass); Tomatoes (outdoor) 76 days | Apples, pears 13 days  Tomatoes 14 days  Forage brassicas 14 days  Cereals 13days  Seed crops 18days |
| Emulsion (oil in water) containing 600 g/litre diazinon | diazinon | HSR007700  6.1D (O), 6.1D (D), 6.1D (I), 6.3A, 6.4A, 6.5B, 6.8B, 6.9A | Organophosphate insecticide. | Dermal | 0.0002 | 24 hours | 76 days | *76 days (not re-modelled as no registered products using this approval)* |
| DIAZEC 800 | diazinon | HSR100878  6.1D (O), 6.1D (D), 6.1D (I), 6.4A, 6.8B, 6.9A | Organophosphate insecticide | Dermal | 0.0002 | 24 hours | 76 days | *76 days (not re-modelled as no registered products using this approval)* |
| Dianex | Diazinon  Trade names  Dianex  Diazate | HSR101016  6.1D (O), 6.1D (D), 6.1D (I), 6.1E (Aspiration), 6.4A, 6.8B, 6.9A | Organophosphate insecticide | Dermal | 0.0002 | 24 hours | Cereals 39 days  Pasture; Forage brassicas; Seed crops (grass, clover, and vegetables) 53 days  Apples, Pears; Tomatoes (outdoor) 68 days  All other crops, except: Cereals; Forage brassicas; Pasture; Apples, Pears; Seed crops (grass, clover, vegetables); Tomatoes (outdoor) 76 days | Apples, pears 13 days  Tomatoes 14 days  Forage brassicas 14 days  Cereals 13days  Seed crops 18days |
| Aerosol containing 50 g/kg dichlorvos | dichlorvos | HSR000212  6.1B (D), 6.1C (I), 6.4A, 6.5B, 6.6B, 6.7B, 6.9B | Intended for enclosed space fogging to control a wide range of insect pests. | Inhalation | 0.0014 | 24 hours (for greenhouse applications  48 hours (for non-greenhouse applications) | Indoor crops (greenhouse) 24 hours  Indoor crops (non-greenhouse) 48 hours | Indoor crops (greenhouse) 24 hours  Indoor crops (non-greenhouse) 48 hours |
| Emulsifiable concentrate containing 1000 g/litre dichlorvos | dichlorvos | HSR000211  6.1B (D), 6.1B (I), 6.1C (O), 6.4A, 6.5B, 6.6A, 6.7B, 6.8A, 6.9A | Dichlorvos is a volatile Organophosphate insecticide used to control a wide range of insect pests across the  agricultural, horticultural, biosecurity and public health industries, and in domestic/home settings. | Dermal | 0.0014 | (a) 24 hours (for indoor applications - greenhouse); (b) 48 hours (for indoor applications - non-greenhouse); (c) 24 hours (for outdoor applications where the substance is applied at rates of less than 2000 g (dichlorvos) / ha); and (d) 48 hours (for outdoor applications where the substance is applied at rates of between 2000 and 2400 g (dichlorvos) / ha). | Indoor crops (greenhouse) 24 hours  Indoor crops (non-greenhouse) 48 hours  All outdoor crops 48 hours | Indoor crops (greenhouse) 24 hours  Indoor crops (non-greenhouse) 48 hours  All outdoor crops 48 hours |
| Emulsifiable concentrate containing 1140 g/litre dichlorvos | dichlorvos | HSR000213  6.1B (D), 6.1B (I), 6.1C (O), 6.4A, 6.5B, 6.6A, 6.7B, 6.9A | Dichlorvos is a volatile Organophosphate insecticide used to control a wide range of insect pests across the  agricultural, horticultural, biosecurity and public health industries, and in domestic/home settings. | Inhalation | 0.0014 | (a) 24 hours (for indoor applications - greenhouse); (b) 48 hours (for indoor applications - non-greenhouse); (c) 24 hours (for outdoor applications where the substance is applied at rates of less than 2000 g (dichlorvos) / ha); and (d) 48 hours (for outdoor applications where the substance is applied at rates of between 2000 and 2400 g (dichlorvos) / ha). | Indoor crops (greenhouse) 24 hours  Indoor crops (non-greenhouse) 48 hours  All outdoor crops 48 hours | Indoor crops (greenhouse) 24 hours  Indoor crops (non-greenhouse) 48 hours  All outdoor crops 48 hours |
| Emulsifiable concentrate containing 400 g/litre dimethoate | dimethoate | HSR000188  6.1D (O), 6.1E (Aspiration), 6.4A, 6.8B, 6.9A | Organophosphate insecticide. | Dermal | 0.001 | 48 hours | 49 days | 49 days (not re-modelled as no registered products using this approval) |
| Emulsifiable concentrate containing 100 g/litre dimethoate | dimethoate | HSR000191  6.1D (O), 6.1E (Aspiration), 6.4A, 6.8B, 6.9A | Organophosphate insecticide. | Dermal | 0.001 | 48 hours | 49 days | 49 days (not re-modelled as no registered products using this approval) |
| Emulsifiable concentrate containing 500 g/litre dimethoate | dimethoate | HSR000193  6.1D (O), 6.1D (D), 6.4A, 6.8A, 6.9A | Organophosphate insecticide. | Dermal | 0.001 | 48 hours | 49 days | 49 days (not re-modelled as no registered products using this approval) |
| Perfekthion S-1 | dimethoate | HSR000965  6.1D (O), 6.1D (D), 6.4A, 6.8B, 6.9A | Organophosphate insecticide. | Dermal | 0.001 | 48 hr | 49 days | 49 days (not re-modelled as no registered products using this approval) |
| Danadim | dimethoate | HSR100129  6.1C (O), 6.5A, 6.5B, 6.8B, 6.9A | Organophosphate insecticide | Dermal | 0.001 | 48 hours | Lucerne, Pasture, Cereals, Barley, Oats, Wheat 24 hours  Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Potatoes, Fodder Beet, Sugar Beet, Red Beet, Kale, Rape, Turnips, Swedes 48 hours  Strawberries, Blackcurrants 3 days  Apples, Pears 15 days  All other crops, except: Cereals, Barley, Oats, Wheat, Lucerne, Pasture, Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Potatoes, Fodder Beet, Sugar Beet, Red Beet, Kale, Rape, Turnips, Swedes, Strawberries, Blackcurrants, Apples, Pears 49 days | Strawberries 24 hrs  Berryfruit; Blackcurrents 24 hrs  Apples, pears plums 9 days  Pasture 24 hrs  Vegetables, broccoli, brussels sprouts, cabbage, cauliflower 48 hrs  Other crops Until dry based on 6.5B classification |
| *Zampro* | *ametoctradin and dimethomorph* | *HSR100709*  *6.1D(O), 6.9B* | *Ametoctradin is a preventative fungicide, controlling several fungal pathogens belonging to the Perenosporomycetes class of fungi.*  *Dimethomorph is a systemic morpholine fungicide.* | *Dermal* | *0.15 dimethomorph* | *24 hr* | *No REI proposed* | *No REI proposed* |
| Warlock Insecticide | emamectin benzoate | HSR100932  6.4A, 6.1E(Aspiration), 6.8A, 6.9B | Insecticide for the control of pests in apples, pears, gapes, avocados and kiwifruit. | Dermal | 0.0003 | 24 hr | All crops except: Apples, Pears; Avocados; Grapes; Kiwifruit 48 hours | No REI proposed |
| MYCOTAL WG | Spores of the entomopathogenic fungus Lecanicillium muscarium 19.79 strain | HSR101089  6.5A, 6.5B | It is intended for use as a Microbial Pest Control Agent (MPCA) for the control of whitefly in greenhouse crops of tomato, cucumber, runner bean, broad bean, French bean, aubergine, lettuce, pepper, ornamental plant production and cut flowers. | Dermal | No data | 4 hours | 24 hours | Until dry based on 6.5B classification |
| *Goltix Uno Herbicide* | *ethofumesate and metamitron* | *HSR100598*  *6.1C (I), 6.1C, 6.9B* | *Herbicide for use on red beet, fodder beet, sugar beet and mangolds* | *Dermal* | *0.036 metamitron* | *24 hours* | *Beets 29 days*  *All other crops except: Beets 40 days* | *Beets 24 hours* |
| Ethosin 500SC | ethofumesate | HSR101238  6.4A, 6.9B | Ethosin 500SC is intended to be imported for use as a herbicide to control barley grass in pasture and various other weeds in ryegrass turf (eg golf courses and sports fields), fodder beet and red beet (i.e. beetroot) | Dermal | 2.5 | 24 hours | No REI proposed | No REI proposed |
| Emulsifiable concentrate containing 400 g/litre fenamiphos | fenamiphos | HSR000198  6.1B (O), 6.1C (D), 6.1D (I), 6.3A, 6.4A, 6.8B, 6.9A | Organophosphate insecticide. | Dermal | 0.0008 | 48 hours | 100 days | No REI proposed as approval expires 1 July 2024 |
| Nemacur 400EC | fenamiphos | HSR000956  6.1B (O), 6.1C (D), 6.1D (I), 6.4A, 6.9A | Organophosphate insecticide. | Dermal | 0.0008 | 48 hr | Carrots, Parsnips, Potatoes 92 days  All other crops, except: Carrots, Parsnips, Potatoes 100 days | No REI proposed as approval expires 1 July 2024 |
| Fenafos 400 | fenamiphos | HSR002480  6.1B (O), 6.1C (D), 6.1D (I), 6.1E (Aspiration), 6.4A, 6.9A | Organophosphate insecticide. | Dermal | 0.0008 | 48 hours | Carrots, Parsnips, Potatoes 92 days  All other crops, except: Carrots, Parsnips, Potatoes 100 days | No REI proposed as approval expires 1 July 2024 |
| Nematak 400EC | fenamiphos | HSR007769  6.1B (O), 6.1C (D), 6.1D (I), 6.1E (Aspiration), 6.4A , 6.9A | Organophosphate insecticide. | Dermal | 0.0008 | 48 hr | Carrots, Parsnips, Potatoes 92 days  All other crops, except: Carrots, Parsnips, Potatoes 100 days | No REI proposed as approval expires 1 July 2024 |
| Nemacur CS | fenamiphos | HSR007894  6.1B (O), 6.1D (D), 6.1D (I), 6.4A, 6.9A | Organophosphate insecticide. | Dermal | 0.0008 | 48 hr | 100 days | No REI proposed as approval expires 1 July 2024 |
| Canyon | fenamiphos | HSR100282  6.1B (O), 6.1C (D), 6.1D (I), 6.1E (Aspiration), 6.9A, 8.3A | Organophosphate insecticide. | Dermal | 0.0008 | 48 hours | Carrots, Parsnips, Potatoes 92 days  All other crops, except: Carrots, Parsnips, Potatoes 100 days | No REI proposed as approval expires 1 July 2024 |
| XF-92037 | fenbuconazole | HSR100609  6.9A | Fungicide for use on crops for the control of specific diseases | Dermal | 0.02 | 24 hr | 31 days | 31 days |
| Sable | fenoxaprop-P-ethyl | HSR101234  6.5B, 6.9B | Herbicide in autumn and spring sown wheat, barley, and perennial ryegrass and pasture for selective grass control | Dermal | 0.0064 | 24 hr | Wheat, Barley, Perennial ryegrass, Pasture 24 hours  All crops except: Wheat, Barley; Perennial ryegrass, Pasture 25 days | Wheat, Barley, Perennial ryegrass, Pasture 24 hours |
| Sercadis | fluxapyroxad | HSR100967  6.9B | Fungicide used to control black spot and powdery mildew in pears and apples. | Dermal | 0.04 | 7 days | Apples, Pears 9 days  All crops except: Apples, Pears; Onions; Winter squash 11 days | No REI proposed |
| Rainbow Glufosinate-Ammonium 200 | glufosinate-ammonium  Trade Names  Bastnate Herbicide | HSR100830  6.3A, 6.4A, 6.8B, 6.9A (O) | Non-selective herbicide for the control of a wide  range of broadleaf and grass weeds in orchard, vineyards, forestry and non-cropland areas. | Dermal | 0.0021 | 24 hr | Berryfruit – Raspberries and Brambles [Primocane control] 62 days  Orchard and vineyard weed control; General weed control 0 days  Stale seedbed preparation 0 days  All crops except: Berryfruit – Raspberries and Brambles; Orchard and vineyards 73 days | No REI proposed |
| Water dispersible granule containing 300 g/kg indoxacarb | Indoxacarb  Trade Names:  Agpro Indox 300  Indy 300WG  Avaunt 30 WG insecticide  Hoprole | HSR000578  6.1D (O), 6.5B, 6.9A | Insecticide used for the control of coddling moth and leafroller caterpillars in apples and pears and leafroller caterpillars in grapes. | Dermal | 0.004 | New substance | New substance  assessed | Cabbage, Cauliflower, Broccoli, Brussels sprouts 12 days  Kiwifruit 24 hrs  Head Lettuce 5 days  Apples and pears 12 days  Grapes 6 days |
| Suspension concentrate containing 150 g/litre indoxacarb | Indoxacarb  Trade Names:  Agpro Indox 150, Avone, Capra, Steward eVo insecticide, Diyak 150 SC Insecticide | HSR000583  6.1D (O), 6.5B, 6.9A | Insecticide proposed to be used for the control of diamondback moth and cabbage white butterfly in vegetable brassicas, leaf roller caterpillars in kiwifruit, soybean looper control in lettuce, coddling moth and leafroller caterpillars in apples and pears and leafroller caterpillars in grapes. | Dermal | 0.004 | New substance | New substance  assessed | Cabbage, Cauliflower, Broccoli, Brussels sprouts 12 days  Kiwifruit 24 hrs  Head Lettuce 5 days  Apples and pears 12 days  Grapes 6 days |
| Doxstar | Indoxacarb  Trade Names  Imperio | HSR100664  6.1D (O), 6.5B, 6.9A | Insecticide proposed to be used for the control of diamondback moth and cabbage white butterfly in vegetable brassicas, leaf roller caterpillars in kiwifruit, soybean looper control in lettuce, coddling moth and leafroller caterpillars in apples and pears and leafroller caterpillars in grapes. | Dermal | 0.004 | 24 hours | Cabbage, Cauliflower, Broccoli, Brussels sprouts, and Head lettuce (outdoor); Grapes; Kiwifruit 39 days  Apples, Pears 45 days  All crops except: Cabbage, Cauliflower, Broccoli, Brussels sprouts, and Head lettuce (outdoor); Grapes; Kiwifruit; Apples, Pears 52 days | Cabbage, Cauliflower, Broccoli, Brussels sprouts 12 days  Head Lettuce 5 days  Apples and pears 12 days  Grapes 6 days |
| Kasumin | kasugamycin | HSR100889  6.8B, 6.9B | Kasumin is intended for use as a bactericide antibiotic to control  Pseudomonas syringe pv. actinidiae (Psa) in kiwifruit | Dermal | 0.009 | 7 days | Kiwifruit 13 days  All crops except Kiwifruit 19 days | No REI proposed |
| *GF-2595* | *lambda-cyhalothrin and chlorpyrifos* | *HSR100908*  *6.1C (O), 6.1D (I), 6.4A, 6.8B, 6.9A* | *Organophosphate insecticide.* | *Dermal* | *0.00063 lambda-cyhalothrin* | *24 hours* | *Maize 5 days*  *Cereals 12 days*  *Forage brassicas 18 days*  *Potatoes 32 days*  *All other crops, except: Forage brassicas; Cereals; Maize; Potatoes 58 days* | *Maize 5 days*  *Cereals 12 days*  *Forage brassicas 18 days*  *Potatoes 32 days*  *No change as no registered product so not re-modelled.* |
| Capsule suspension containing 250 g/litre lambda-cyhalothrin | lambda-cyhalothrin  Trade Name:  Taekwando 250 CS Insecticide  Cyhella  Halex  Karate Zeon | HSR000336  6.1C, 6.4A, 6.9B | Insecticide for the control of various chewing and sucking insect pests. | Dermal | 0.00063 | New substance | **New substance assessed** | Beans, Forage brassica, Tomatoes, Sweet corn, Clover seed crops, Cereals, maize 48 hrs  Vegetable brassica 7 days  Onions 3 days  Grapes 5 days |
| *Dovetail* | *Pirimicarb*  *lambda-cyhalothrin* | *HSR008052*  *6.1D (O), 6.1D (I), 6.1E (Aspiration), 6.5B, 6.9B, 8.2C, 8.3A* | *Organophosphate insecticide.* | *Dermal* | *0.035 pirimicarb*  *0.00063 lambda-cyhalothrin* | *24 hours* | *Cereals 6 days*  *Forage and Vegetable Brassicas 23 days*  *Potatoes 26 days*  *All other crops, except: Cereals; Brassicas; Potatoes 13 days* | Until dry based on 6.5B classification |
| Lavron | lambda-cyhalothrin  Trade names:  Lavron  Agpro Lambda cyhalothrin | HSR100578  6.1B, 6.1EE(aspiration), 6.4A, 6.9A | Insecticide for the control of various chewing and sucking insect pests. | Dermal | 0.00063 | New substance | **New substance assessed** | Beans, Forage brassica, Tomatoes, Sweet corn, Clover seed crops, Cereals, maize 48 hrs  Vegetable brassica 7 days  Onions 3 days  Grapes 5 days |
| Kaiso 50 WG | *lambda-cyhalothrin* | HSR100829  6.1D, 6.4A, 6.9B | Insecticide for the control of various chewing and sucking insect pests. | Dermal | 0.00063 | New substance | **New Substance assessed** | Beans, Forage brassica, Tomatoes, Sweet corn, Clover seed crops, Cereals, maize 48 hrs  Vegetable brassica 7 days  Onions 3 days  Grapes 5 days |
| Kongfu | lambda-cyhalothrin  Trade name  Kongfu | HSR101194  6.1D, 6.9B | Insecticide for the control of various chewing and sucking insect pests. | Dermal | 0.00063 | New substance | **New Substance assessed** | Beans, Forage brassica, Tomatoes, Sweet corn, Clover seed crops, Cereals, maize 48 hrs  Vegetable brassica 7 days  Onions 3 days  Grapes 5 days |
| Lavron 50WG | lambda-cyhalothrin | HSR101290  6.1D, 6.4A, 6.9B | Insecticide for the control of various chewing and sucking insect pests.. | Dermal | 0.00063 | New substance | **New substance assessed** | Beans, Forage brassica, Tomatoes, Sweet corn, Clover seed crops, Cereals, maize 48 hrs  Vegetable brassica 7 days  Onions 3 days  Grapes 5 days |
| Emulsifiable concentrate containing 500 g/litre maldison | maldison | HSR000190  6.1D (O), 6.4A, 6.5B, 6.8B, 6.9A | Organophosphate insecticide. | Dermal | 0.03 | 24 hours | 46 days | 13 days |
| Fyfanon 440 EW | maldison | HSR100380  6.1D (O), 6.4A, 6.5B, 6.8B, 6.9A | Organophosphate insecticide. | Dermal | 0.03 | 24 hours | New substance  assessed | Avocados 48 hrs  Grapes 7 dys  Citrus 48 hrs  Pipfruit, stonefruit 11 days  Field crops and vegetables 4 days |
| *Wettable powder containing 150 - 200 g/kg carbaryl and 150 - 200 g/kg mancozeb* | *mancozeb and carbary****l*** | *HSR007696*  *6.1D (O), 6.4A, 6.5B, 6.7B, 6.9B* | *Carbamate insecticide.* | *Dermal* | *0.01 carbaryl* | *12 hr* | *32 days* | *32 days (not re-modelled as no registered products using this approval)* |
| Suspension concentrate containing 480 g/litre mancozeb | mancozeb  Trade name:  Supermanz | HSR000462  6.4A, 6.5A, 6.5B, 6.9B | Fungicide for the control of various spot, rust, rots and mildews on ornamentals, fruit and vegetable crops | Dermal | 0.011 | New substance | New substance | Apples, pears 48 hrs  Stonefruit 6 days  Grapes 8 days  Onions 24 hrs  Broccoli, Brussels sprouts, cabbage, cauliflower 10 days |
| Water dispersible granule containing 640 g/kg mancozeb and 40 g/kg metalaxyl-m | mancozeb, metalaxyl-m  Trade name:  Ridomil Gold MZ WG  Manlax Plus | HSR000470  6.5B, 6.9B | Fungicide for the control of various spot, rust, rots and mildews on ornamentals, fruit and vegetable crops | Dermal | 0.011 | New substance | New substance | Asparagus 10 days  Grapes 6 days |
| Water dispersible granule containing 300 g/kg copper as copper hydroxide and 150 g/kg mancozeb | mancozeb, copper hydroxide  Trade Name:  Mankocide DF | HSR000614  6.1D, 6.4A, 6.5B, 6.9B | Fungicide for the control of various spot, rust, rots and mildews on ornamentals, fruit and vegetable crops | Dermal | 0.011 mancozeb | New substance | New substance | Apples, pears 48 hrs  Stonefruit 6 days  Grapes 8 days  Onions 24 hrs  Broccoli, Brussels sprouts, cabbage, cauliflower 10 days |
| Water dispersible granule or wettable powder containing 750 - 800 g/kg mancozeb | mancozeb  Trade names:  Eurozeb 75WG  PENNCOZEB DF  Dithane Rainshield Neo Tec Fungicide | HSR000737  6.4A, 6.5A, 6.5B, 6.9B | Fungicide for the control of various spot, rust, rots and mildews on ornamentals, fruit and vegetable crops | Dermal | 0.011 | New substance | New substance | Apples, pears 48 hrs  Stonefruit 6 days  Grapes 8 days  Onions 24 hrs  Broccoli, Brussels sprouts, cabbage, cauliflower 10 days |
| Water dispersible granule containing 750 g/kg mancozeb | Mancozeb  Trade Names:  Mantra 750WG  Manzate Evolution Fungicide  Promanz  Kencozeb 750 WG Fungicide  Manco 75 WG | HSR000808  6.4A, 6.5B, 6.9B | Fungicide for the control of various spot, rust, rots and mildews on ornamentals, fruit and vegetable crops | Dermal | 0.011 | New substance | New substance | Apples, pears 48 hrs  Stonefruit 6 days  Grapes 8 days  Onions 24 hrs  Broccoli, Brussels sprouts, cabbage, cauliflower 10 days |
| Agronica Mancozeb Fungicide | mancozeb  Trade Names:  Manzeb  ADAMA MANCOZEB FUNGICIDE  Mancowall | HSR002701  6.4A, 6.5B, 6.9B | Fungicide for the control of various spot, rust, rots and mildews on ornamentals, fruit and vegetable crops | Dermal | 0.011 | New substance | New substance | Apples, pears 48 hrs  Stonefruit 6 days  Grapes 8 days  Onions 24 hrs  Broccoli, Brussels sprouts, cabbage, cauliflower 10 days |
| Nautile | mancozeb, cymoxanil | HSR007838  6.5B, 6/9B | Fungicide for the control of blights in Potatoes, and downy mildew in Onions and Garlic | Dermal | 0.011 mancozeb | New substance | New substance | Onions 24 hrs |
| Raincozeb Plus | mancozeb | HSR100972  6.3A, 6.4A, 6.5A, 6.5B, 6.9B | Fungicide for the control of various spot, rust, rots and mildews on ornamentals, fruit and vegetable crops | Dermal | 0.011 | 48 hr | Grapes; Strawberries; Boysenberries, Loganberries, Raspberries, Current (Red and Black), Gooseberries; Maize, Sweetcorn 20 days  Ornamentals; Nectarines, Peaches 37 days  Tomatoes; Potatoes; Beans, Broccoli, Brussels sprouts, Cabbage, Cauliflower, Carrots, Celery, Cucurbits: Cucumber, Melons, Pumpkin, Squash, Lettuce, Onions; Apples, Pears; Citrus 31 days  All crops except: Grapes; Strawberries; Boysenberries, Loganberries, Raspberries, Current (Red and Black), Gooseberries; Maize, Sweetcorn; Tomatoes; Potatoes; Beans, Broccoli, Brussels sprouts, Cabbage, Cauliflower, Carrots, Celery, Cucurbits: Cucumber, Melons, Pumpkin, Squash, Lettuce, Onions; Apples, Pears; Citrus Ornamentals; Nectarines, Peaches 43 days | Apples, pears 48 hrs  Stonefruit 6 days  Grapes 8 days  Onions 24 hrs  Broccoli, Brussels sprouts, cabbage, cauliflower 10 days |
| Water dispersible granule containing 700 g/kg metamitron | metamitron  Trade names:  Kentron 700 WG Herbicide , Donaghys Metamitron, Metafuel 700WG, Goltix Herbicide, Metameet | HSR000535  6.1D | Herbicide for use on beets | Dermal | 0.036 | New substance | **New substance assessed** | 3 days |
| MITRON 70WG | metamitron | HSR008044  6.1B | Herbicide for use on beets | Dermal | 0.036 | New substance | **New substance assessed** | 31 days |
| TNL 2815 | metamitron,  ethofumesate,  phenmedipham  Trade names:  Beetril  Beetrix | HSR100524  6.1D, 6.5B, 6.9B | Herbicide for use on beets | Dermal | 0.036 | New substance | **New substance assessed** | 21 days |
| Goltix Uno Herbicide | ethofumesate and metamitron  Trade names:  Torero | HSR100598  6.1C (I), 6.1C, 6.9B | *Herbicide for use on red beet, fodder beet, sugar beet and mangolds* | *Dermal* | *0.036 metamitron* | *24 hours* | *Beets 29 days*  *All other crops except: Beets 40 days* | 24 hours |
| AGPRO Metamitron | metamitron | HSR100753  6.1B | Herbicide for use on beets | Dermal | 0.036 | New substance | **New substance assessed** | 3 days |
| Betanal Quattro | metamitron | HSR100882  6.1D, 6.9B | Herbicide for use on beets | Dermal | 0.036 | New substance | **New substance assessed** | 21 days |
| Fodder Beet Plus | metamitron  *ethofumesate,*  *phenmedipham*  Trade Names:  TriBeet  Fodder Beet Plus | HSR101136  6.9B | Herbicide for use on beets | Dermal | 0.036 | New substance | **New substance assessed** | 21 days |
| Fodder Beet Smooth | metamitron  Trade names  Metameet MIXX  Fodder Beet Smooth  QuadBeet | HSR101145  6.1D, 6.4A, 6.5B, 6.7B, 6.9B | Herbicide for use on beets | Dermal | 0.036 | New substance | **New substance assessed** | 21 days |
| BeetPro | metamitron | HSR101154  6.1D, 6.1E (aspiration), 6.4A, 6.5B, 6.9B | Herbicide for use on beets | Dermal | 0.036 | New substance | **New substance assessed** | 21 days |
| Upbeet | metamitron | HSR101295  6.1D, 6.9B | Herbicide for use on beets | Dermal | 0.036 | New substance | **New substance assessed** | 9 days |
| Mitron Flo | metamitron | HSR101339  6.1D, 6.3A, 6.4A, 6.9B | Herbicide for use on beets | Dermal | 0.036 | New substance | **New substance assessed** | 31 days |
| Kentron 700 SC Herbicide | metamitron  Trade names:  Kentron 700 SC Herbicide  Replace | HSR101345  6.1D | Herbicide for use on beets | Dermal | 0.036 | New substance | **New substance assessed** | 31 days |
| AG-M4-700 OF1 | Metamitron  Trade names:  Goltix Gold | HSR101345  6.1D | Herbicide for use on beets | Dermal | 0.036 | New substance | **New substance assessed** | 3 days |
| Fodder Beet Smooth | *metamitron, desmedipham,*  *ethofumesate,*  *phenmedipham*  Trade names:  Metameet MIXX  Fodder Beet Smooth  QuadBeet | HSR101145  6.1D, 6.4A, 6.5B, 6.7B, 6.9B | Herbicide for use on beets | Dermal | 0.036 *metamitron* | New substance | **New substance assessed** | 21 days |
| Brevis | metamitron | HSR101178  6.1D (O), 8.3A | The active metamitron is used as both a plant growth regulator and an herbicide. | Dermal | 0.036 | 3 days | No REI proposed | No REI proposed |
| Metafol 700 SC | metamitron  Trade Names  Metafol SC | HSR101186  6.1B (I), 6.1D (O), 6.1D (D), 6.9B | Herbicide for the control of  certain annual weeds in beet crops | Dermal | 0.036 | 24 hours | Beets 9 days  All crops except: Beets 20 days | *Beets 9 days (not re-modelled as no registered products using this approval)* |
| Beetron PM | metamitron and phenmedipham | HSR101235  6.1C (I), 6.9B | A selective herbicide for the control of broadleaf weeds in fodder beet, red beet and sugar beet. | Dermal | 0.036 metamitron | 45 days | Beets 48 days  All crops except: Beets 63 days | Beets 48 days (not re-modelled as no registered products using this approval) |
| UPBEET | *metamitron,*  *ethofumesate,*  *phenmedipham* | HSR101295  6.1D, 6.9B | Herbicide for use on beets | Dermal | 0.036 | New substance | **New substance assessed** | 9 days |
| Soluble concentrate containing 600 g/litre methamidophos (Substance B) | methamidophos | HSR000203  6.1B (O), 6.1B (D), 6.1B (I), 6.9A, 8.2C, 8.3A | Organophosphate insecticide. | Dermal | 0.0001 | 48 hr | 74 days | No REI proposed as approval expires 1 July 2024 |
| Soluble concentrate containing 600 g/litre methamidophos (Substance A) | methamidophos  Trade Names  Metafort 60SL  Metafos 600 | HSR000226  6.1B (O), 6.1B (D), 6.1B (I), 6.9A, 8.2C, 8.3A | Organophosphate insecticide. | Dermal | 0.0001 | 48 hr | Maize, Sweetcorn 56 days  Potatoes, Kumara; Onions; Tomatoes (outdoor) 70 days  All other crops, except: Maize, Sweetcorn, Potatoes, Kumara, Onions, Tomatoes (outdoor) 75 days | No REI proposed as approval expired 1 July 2024 |
| Soluble concentrate containing 200 g/litre methomyl | Methomyl  Trade Names  Orion Methomyl 200SL  Lumina Plus | HSR000584  6.1C (O), 6.1D (D), 6.1D (I), 6.4A, 6.8B, 6.9A | Organophosphate insecticide. | Dermal | 0.0025 | 24 hr | Pasture 13 days  Cereals; Maize, Sweetcorn 19 days  Grapes; Lettuce; Beans; Bush and Canefruit; Cabbage, Cauliflower; Tomatoes (outdoor) 26 days  All other crops, except: Pasture; Cereals; Maize, Sweetcorn; Grapes; Lettuce; Beans; Bush and Canefruit; Cabbage, Cauliflower; Tomatoes (outdoor); 30 days | Beans 20 days  Cabbage, cauliflower 21days  Cereals 20 days  Glasshouse crops – capsicum, cucumbers, tomatoes 19 days  Grapes 25 days  Lettuce 20 days  Maize sweetcorn 9 days  Pasture 16 days  Bush and canefruit 18 days  Strawberries 16 days  Tomatoes 20 days |
| ArmourCrop Insecticide | methomyl | HSR007761  6.1D (O), 6.4A, 6.8B, 6.9B | Organophosphate insecticide. | Dermal | 0.0025 | 24 hr | 56 days | *56 days (not re-modelled as no registered products using this approval)* |
| *Emulsifiable concentrate containing 45 g/litre acephate and 8.8 g/litre myclobutanil* | *myclobutanil and acephate* | *HSR000156*  *6.8B, 6.9B* | *Organophosphate insecticide.* | *Dermal* | *0.0012 acephate* | *24 hours* | *68 days* | *68 days (not re-modelled as no registered products using this approval)* |
| Soluble concentrate containing 240 g/litre oxamyl | oxamyl | HSR000791  6.1B (O), 6.1B (I), 6.1D (D), 6.4A, 6.8B, 6.9A | Organophosphate insecticide. | Dermal | 0.001 | 24 hr | 48 days | *48 days (not re-modelled as no registered products using this approval)* |
| DuPont Zorvec Enicade Fungicide | oxathiapiprolin | HSR101125  6.3A, 6.5B | Fungicide  for the control of downy mildew in onions | Dermal | 0.31 | Till dry | 24 hours | Until dry based on 6.5B classification |
| Ox 240 Herbicide | oxyfluorfen | HSR100984  6.1E (Aspiration), 6.4A, 6.8A, 6.9B | Herbicide for selective vegetative control pre and post emergence. | Dermal | 0.03 | 24 hr | Forest nurseries, Pinus, Cupressus spp., Eucalyptus, Racosperma (Acacia) spp. [Post-emergence weed control under crops] 19 days  All crops except: Apples, Grapes, Kiwifruit, Stonefruit; Forest nurseries, Pinus, Cupressus spp., Eucalyptus, Racosperma (Acacia) spp. 40 days | No REI proposed |
| *Emulsifiable concentrate containing 500 g/litre diazinon and 25 g/litre permethrin* | *permethrin and diazinon* | *HSR000179*  *6.1D (O), 6.1D (D), 6.1D (I), 6.1E (Aspiration), 6.5A, 6.5B, 6.8B, 6.9A* | *Organophosphate insecticide.* | *Dermal* | *0.0002 diazinon* | *24 hours* | *76 days* | *76 days (not re-modelled as no registered products using this approval* |
| *Emulsifiable concentrate containing 25 g/litre permethrin and 475 g/litre pirimiphos-methyl* | *permethrin and pirimiphos-methyl* | *HSR000187*  *6.4A, 6.5A, 6.5B, 6.8B, 6.9A* | *Organophosphate insecticide* | *Dermal* | *0.02 pirimiphos-methyl* | *12 hours* | *36 days* | *36 days (not re-modelled as no registered products using this approval* |
| *Emulsifiable concentrate containing 5 g/litre permethrin and 95 g/litre pirimiphos-methyl* | *permethrin and pirimiphos-methyl* | *HSR000192*  *6.1E (Aspiration), 6.4A, 6.5A, 6.5B, 6.8B, 6.9A* | *Organophosphate insecticide.* | *Dermal* | *0.02 pirimiphos-methyl* | *12 hours* | *36 days* | *36 days (not re-modelled as no registered products using this approval* |
| *Attack* | *permethrin and pirimiphos-methyl* | *HSR100602*  *6.1E (Aspiration), 6.3A, 6.4A, 6.5A, 6.5B, 6.8B, 6.9A* | *An insecticide for the control of certain pests in avocados, citrus, flowers and ornamentals, glasshouse tomatoes and cucurbits, grapes, kiwifruit, persimmons, vegetable and fodder.* | *Dermal* | *0.02 pirimiphos-methyl* | *12 hours* | *Glasshouse Tomatoes and Cucurbits; Forage brassicas; Vegetable brassicas; Fodder beet 12 days*  *Flowers and ornamentals; Grapes 22 days*  *Citrus; Persimmons; Avocados 34 days*  *All other crops, except: Glasshouse Tomatoes and Cucurbits; Forage brassicas; Vegetable brassicas; Fodder beet; Flowers and ornamentals; Grapes; Citrus; Persimmons; Avocados 36 days* | *Citrus 2 day*  *Vegetable Brassicas 14 days*  *Flowers 16 days*  *Grapes – 25 days*  *Tomatoes and cucurbits 48 hrs*  *Persimmons 16 days*  *Kiwifruit 10 days*  *Other crops until dry based on 6.5B classification* |
| SILO SMOKE | permethrin | HSR100873  6.1D (O), 6.4A, 6.5A, 6.5B, 6.9B | An insecticide for the control of a variety of insect pests in empty glasshouses, animal housing facilities, grain stores and silos. | Inhalation | 0.05 | 12 hr | 24 hours after ventilation started | 24 hours after ventilation started |
| *Ambush* | *permethrin and pirimiphos-methyl*  *Trade Names*  *Pirithrin*  *Synergy Ambush* | *HSR100911*  *6.4A, 6.5A, 6.5B, 6.8B, 6.9A* | *It is intended for use as an insecticide in a variety of*  *horticultural crops, including (but not limited to) fodder crops, citrus and avocados.* | *Dermal* | *0.02 pirimiphos-methyl* | *12 hours* | *Glasshouse Tomatoes and Cucurbits; Forage brassicas; Vegetable brassicas; Fodder beet 12 days*  *Flowers and ornamentals; Kiwifruit; Grapes 22 days*  *Citrus; Persimmons; Avocados 34 days*  *All other crops, except: Glasshouse Tomatoes and Cucurbits; Forage brassicas; Vegetable brassicas; Fodder beet; Flowers and ornamentals; Kiwifruit; Grapes; Citrus; Persimmons; Avocados 36 days* | *Citrus 12 day*  *Vegetable Brassicas 14 days*  *Flowers 16 days*  *Grapes – 25 days*  *Tomatoes and cucurbits 48 hrs*  *Persimmons 22 days*  *Fodder brassicas and beets 48 hrs*  *Kiwifruit 10 days*  *Other crops until dry based on 6.5B classification* |
| Water dispersible granule containing 500 g/kg pirimicarb (Substance B) | Pirimicarb  Trade Names  Aphidex WG Insecticide | HSR000703  6.1C (O), 6.1D (I), 6.4A, 6.5B, 6.9B | Organophosphate insecticide. | Dermal | 0.035 | 24 hr | Cucurbits; Flowering crops – Clovers, Lucerne, Peas, Broad beans, Forage brassicas, Oilseed rape; Kale, Swedes, Turnips, Cereals; Beans; Potatoes; Vegetable brassicas, Lettuce, Tomatoes 24 hours  Stonefruit 4 days  Apples 12 days  All other crops, except: Cucurbits; Flowering crops – Clovers, Lucerne, Peas, Broad beans, Forage brassicas, Oilseed rape; Kale, Swedes, Turnips, Cereals; Beans; Potatoes; Vegetable brassicas, Lettuce, Tomatoes; Stonefruit; Apples 13 days | Apples 8 days Stonefruit 3 days |
| Water dispersible granule containing 500 g/kg pirimicarb (Substance A) | Pirimicarb  Trade Names  Prohive  Aphidex WG  Pirahid Xtra  Pirimor 50 | HSR000704  6.1C (O), 6.1D (I), 6.4A, 6.9B | Organophosphate insecticide. | Dermal | 0.035 | 24 hr | 13 days | Apples 8 days Stonefruit 3 days |
| Piritek | pirimicarb | HSR007884  6.1C (O), 6.1D (I), 6.4A, 6.5B, 6.9B | Organophosphate insecticide. | Dermal | 0.035 | 24 hr | Cucurbits; Flowering crops – Clovers, Lucerne, Peas, Broad beans, Forage brassicas, Oilseed rape; Kale, Swedes, Turnips, Cereals; Beans; Potatoes; Vegetable brassicas, Lettuce, Tomatoes 24 hours  Stonefruit 4 days  Apples 12 days  All other crops, except: Cucurbits; Flowering crops – Clovers, Lucerne, Peas, Broad beans, Forage brassicas, Oilseed rape; Kale, Swedes, Turnips, Cereals; Beans; Potatoes; Vegetable brassicas, Lettuce, Tomatoes; Stonefruit; Apples 13 days | No REI proposed |
| *Dovetail* | *Pirimicarb*  *lambda-cyhalothrin* | *HSR008052*  *6.1D (O), 6.1D (I), 6.1E (Aspiration), 6.5B, 6.9B, 8.2C, 8.3A* | *Organophosphate insecticide.* | *Dermal* | *0.035 pirimicarb*  *0.00063 lambda-cyhalothrin* | *24 hours* | *Cereals 6 days*  *Forage and Vegetable Brassicas 23 days*  *Potatoes 26 days*  *All other crops, except: Cereals; Brassicas; Potatoes 13 days* | Until dry based on 6.5B classification |
| *Mavrik Duo* | *tau-fluvalinate and primicarb* | *HSR101197*  *6.9B* | *Insecticide.* | *Dermal* | *0.0044 tau-fluvalinate* | *24 hours* | *Potatoes 3 days*  *Cherries, Peaches, Plums; Nectarine 5 days*  *All other crops, except: Cabbages; Cereals; Clover seed crops; Oilseed rape: Tomatoes (outdoor); Potatoes; Cherries, Peaches, Plums; Nectarine 13 days* | *No REI proposed* |
| Smoke generator containing 225 g/kg pirimiphos-methyl | pirimiphos-methyl | HSR000186  6.4A, 6.8B, 6.9A | Organophosphate insecticide | Inhalation | 0.02 | 12 hr | 4 hours after ventilation started | 4 hours after ventilation started |
| *Emulsifiable concentrate containing 25 g/litre permethrin and 475 g/litre pirimiphos-methyl* | *pirimiphos-methyl and permethrin* | *HSR000187*  *6.4A, 6.5A, 6.5B, 6.8B, 6.9A* | *Organophosphate insecticide* | *Dermal* | *0.02 pirimiphos-methyl* | *12 hours* | *36 days* | *36 days (not re-modelled as no registered products using this approval)* |
| *Emulsifiable concentrate containing 5 g/litre permethrin and 95 g/litre pirimiphos-methyl* | *pirimiphos-methyl and permethrin* | *HSR000192*  *6.1E (Aspiration), 6.4A, 6.5A, 6.5B, 6.8B, 6.9A* | *Organophosphate insecticide.* | *Dermal* | *0.02 pirimiphos-methyl* | *12 hours* | *36 days* | *36 days (not re-modelled as no registered products using this approval)* |
| *Ambush* | *pirimiphos-methyl and permethrin*  *Trade Names*  *Pirithrin*  *Synergy Ambush* | *HSR100911*  *6.4A, 6.5A, 6.5B, 6.8B, 6.9A* | *It is intended for use as an insecticide in a variety of*  *horticultural crops, including (but not limited to) fodder crops, citrus and avocados.* | *Dermal* | *0.02 pirimiphos-methyl* | *12 hours* | *Glasshouse Tomatoes and Cucurbits; Forage brassicas; Vegetable brassicas; Fodder beet 12 days*  *Flowers and ornamentals; Kiwifruit; Grapes 22 days*  *Citrus; Persimmons; Avocados 34 days*  *All other crops, except: Glasshouse Tomatoes and Cucurbits; Forage brassicas; Vegetable brassicas; Fodder beet; Flowers and ornamentals; Kiwifruit; Grapes; Citrus; Persimmons; Avocados 36 days* | *Citrus 12 day*  *Vegetable Brassicas 14 days*  *Flowers 16 days*  *Grapes 25 days*  *Tomatoes, cucurbits, fodder brassicas and beets 48 hrs*  *Persimmons 22 days*  *Kiwifruit 10 days*  *All other crops until dry based on 6.5B classification* |
| *Attack* | *pirimiphos-methyl and permethrin* | *HSR100602*  *6.1E (Aspiration), 6.3A, 6.4A, 6.5A, 6.5B, 6.8B, 6.9A* | *An insecticide for the control of certain pests in avocados, citrus, flowers and ornamentals, glasshouse tomatoes and cucurbits, grapes, kiwifruit, persimmons, vegetable and fodder.* | *Dermal* | *0.02 pirimiphos-methyl* | *12 hours* | *Glasshouse Tomatoes and Cucurbits; Forage brassicas; Vegetable brassicas; Fodder beet 12 days*  *Flowers and ornamentals; Grapes 22 days*  *Citrus; Persimmons; Avocados 34 days*  *All other crops, except: Glasshouse Tomatoes and Cucurbits; Forage brassicas; Vegetable brassicas; Fodder beet; Flowers and ornamentals; Grapes; Citrus; Persimmons; Avocados 36 days* | *Citrus 12 day*  *Vegetable Brassicas 14 days*  *Flowers 16 days*  *Grapes 25 days*  *Tomatoes, cucurbits, fodder brassicas and beets 48 hrs*  *Persimmons 22 days*  *Kiwifruit 10 days*  *All other crops until dry based on 6.5B classification* |
| *Grainguard Supersmoke* | *pirimiphos-methyl and deltamethrin* | *HSR101001*  *6.1D (O), 6.4A, 6.8B, 6.9A* | *Organophosphate insecticide* | *Inhalation* | *0.0075 deltamethrin* | *27 hours* | *3 hours after ventilation started* | *3 hours after ventilation started* |
| Barricade A12333G Herbicide | prodiamine | HSR101240  6.9B (O) | Pre-emergent herbicide for the control of weeds in established turf, garden beds and nursery pots. | Dermal | 0.018 | 20 days for treated turf | 26 days | Turf 13 days |
| Emulsifiable concentrate containing 500 g/litre prothiofos | prothiofos | HSR000200  6.1D (O), 6.3A, 6.4A, 6.5B, 6.9A | Organophosphate insecticide. | Dermal | 0.0001 | 48 hours | Grapes 87 days  All other crops, except: Grapes 93 days | Grapes 87 days  All other crops, except: Grapes 93 days as currently no registered product, therefore no label crops. |
| Sharpen | saflufenacil | HSR100571  6.8B, 6.9A | Herbicide used for post or pre-emergence control of weeds in certain orchard, crop, pre-plant burn down and non-agricultural situations. | Dermal | 0.015 | 24 hr | No REI proposed | No REI proposed |
| Advance Gold | salicylic acid | HSR101088  6.1D (O), 6.3A, 8.3A, | Intended for use as a plant growth regulator for the enhancement of bud break in horticultural crops. *Does not meet criteria.* | Dermal | 0.38 | Until dried | No REI proposed as this substance does not meet the definition of a pesticide as it is a plant growth regulator. | No REI proposed |
| Elatus Plus | Solatenol (Benzovindiflupyr) | HSR101179  6.1D (O), 6.5B, 6.9B, 8.3A | A fungicide for the control  of speckled leaf blotch, glume blotch, leaf rust and stripe rust in wheat | Dermal | 0.04 | Till dry | 24 hours | Until dry based on 6.5B classification |
| *Wettable powder containing 115 g/kg carbaryl, 250 g/kg copper as copper oxychloride and 284 g/kg sulphur* | *carbaryl, copper as copper oxychloride and sulphur* | *HSR000594*  *6.1D (O), 6.3A, 6.5B, 6.7B, 6.9B* | *Carbamate insecticide.* | *Dermal* | *0.01 carbaryl* | *12 hr* | *32 days* | *32 days (not re-modelled as no registered products using this approval)* |
| Suspension concentrate containing 240 g/litre tau-fluvalinate. Also contains ethylene glycol | tau-fluvalinate  Trade Name:  Mavrik Aquaflo Insecticide | HSR000316  6.9B | Insecticide. | Dermal | 0.0044 | New substance | **New substance assessed** | Flowers 12 days |
| *Mavrik Duo* | *tau-fluvalinate and primicarb* | *HSR101197*  *6.9B* | *Insecticide.* | *Dermal* | *0.0044 tau-fluvalinate* | *24 hours* | *Potatoes 3 days*  *Cherries, Peaches, Plums; Nectarine 5 days*  *All other crops, except: Cabbages; Cereals; Clover seed crops; Oilseed rape: Tomatoes (outdoor); Potatoes; Cherries, Peaches, Plums; Nectarine 13 days* | *No REI proposed* |
| Timorex Gold | tea tree oil | HSR101142  6.1D (I), 6.3A, 6.4A, 6.5B, 6.9B | Fungicide on horticulture crops (apples, avocados, citrus, cucurbits, grapes, kiwifruit, onions, pasture, pears, potatoes, tomatoes, turf, wheat, barley, maize and strawberries) against rot, mould, fungi and some mildews | Dermal | 0.3 | Till dried or ventilated | Kiwifruit and grapes 24 hours  All crops except: Grapes; Kiwifruit 7 days | Until dry based on 6.5B classification |
| *Solvigo* | *thiamethoxam and abamectin* | *HSR101003*  *6.1B (I), 6.1D (O), 6.8B, 6.8C, 6.9B* | *Solvigo is intended to be used to treat thrips and other insect pests in commercial onion crops* | *Dermal* | *0.0025 abamectin* | *24 hr* | *Bulb onions 11 days*  *All crops except: Bulb onions 21 days* | *Bulb onions 2 days* |
| *Emulsifiable concentrate containing 45 g/litre acephate and 39 g/litre triforine* | *triforine and acephate* | *HSR000157*  *6.8A, 6.8C, 6.9B 8.2B, 8.3A* | *Organophosphate insecticide.* | *Dermal* | *0.0012 acephate* | *24 hours* | *68 days* | *68 days (not re-modelled as no registered products using this approval)* |
| *Emulsifiable concentrate containing 22.5 g/litre acephate and 19.5 g/litre triforine* | *triforine and acephate* | *HSR000158*  *6.3A, 6.8A, 6.8C, 6.9B, 8.3A* | *Organophosphate insecticide.* | *Dermal* | *0.0012 acephate* | *24 hours* | *68 days* | *68 days (not re-modelled as no registered products using this approval)* |

1. This value is based on fruit thinning. If this is not an activity undertaken when carbaryl is applied the proposed REI is 14 days based on hand harvesting. Conflicting information was received in the consultation. [↑](#footnote-ref-2)
2. This value is based on hand harvesting. If this is not an activity undertaken when carbaryl is applied the REI is 24 hours based on hand weeding, pruning and scouting. [↑](#footnote-ref-3)
3. This value is based on fruit thinning. If this is not an activity undertaken when carbaryl is applied the proposed REI is 13 days based on hand harvesting. [↑](#footnote-ref-4)
4. This value is based on hand harvesting. If this is not an activity undertaken when carbaryl is applied the REI is 24 hours based on hand weeding, pruning and scouting. [↑](#footnote-ref-5)
5. This value is based on fruit thinning. If this is not an activity undertaken when chlorpyrifos is applied the REI is 0 days – No REI proposed. [↑](#footnote-ref-6)
6. This value is based on fruit thinning. If this is not an activity undertaken when chlorpyrifos is applied the REI is 0 days – No REI proposed. [↑](#footnote-ref-7)