

MT20007 – Regulatory Support & Response Co-ordination
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Below is a summary of various regulatory issues and chemical reviews currently underway both locally and internationally.

INTERNATIONAL

Codex

The Codex Committee on Pesticide Residues meeting was held virtually in late July. The meeting advanced over 400 proposed Codex MRLs from 43 different Ag chemicals for adoption by the Codex Commission in November.

Canada

Health Canada has finalised its reviews of **Clothianidin**, **Thiamethoxam** and **Imidacloprid**. The regulatory decisions include the cancelling of several horticultural uses, including in cucurbits, onions, lettuce, and potatoes, with additional restrictions around rates, numbers of applications and their use as seed treatments.

Europe

The European Commission is considering a proposal to limit the use of **captan** to protected cropping situations only. The Commission is also considering withdrawal of authorisation for **clethodim**. A proposal to restrict the use of **abamectin** to permanent greenhouses is also under discussion.

The Commission is also proposing non-approval for the soil fumigants **Chloropicrin** and **1,3-dichloropropene**.

Discussions are occurring at the European Commission level over the possibility of *Bacillus thuringiensis* (Bt) spores being associated with foodborne disease outbreaks. The Commission is considering the possibility of setting a threshold of 105 CFU/g on fresh produce. Due to uncertainties over whether a causal link exists between Bt and foodborne outbreaks, an industry taskforce is proposing to initiate research to confirm the situation.

USA

Chlorpyrifos: On August 19th the US EPA announced that it was ending the use of chlorpyrifos on food crops. More recently, as a

follow-up the US EPA proposed revoking all chlorpyrifos MRLs with the comment period open till October 29th. The due date for the revocation to come into effect is February 28th, 2022.

<https://www.govinfo.gov/content/pkg/FR-2021-08-30/html/2021-18091.htm>

The US EPA has recently released draft biological evaluations for **clothianidin**, **imidacloprid** and **thiamethoxam** for public comment. The comment period ends in 26 October 2021.

Recent US EPA Interim Decisions

Difenoconazole: Continued registration but some use changes proposed, e.g., incorporation of spray drift advisory language onto labels.

Isoxaflutole: Continued registration with some label changes. These primarily relate to spray drift management by ground booms, PPE changes and increased re-entry times.

Oxyfluorfen: Continued registration with some label changes. The EPA is proposing to reduce the maximum annual application rates and numbers of applications for a number of crops and limited to banded applications only in orchards.

Paraquat: Approve continued registration, with some changes. These primarily relate to spray drift management guidelines (Buffer zones, droplet size etc), engineering controls, PPE changes and increased re-entry times, e.g., 48 hours for most treated crops.

NATIONAL REGULATORY UPDATE

Department of Agriculture Water and the Environment (DAWE) Consultation

DAWE recently held a consultation on proposed changes to regulations that would potentially enable a registrant to extend the length of time over which data they have submitted to the APVMA can be protected, i.e., not relied upon by another registrant. The intent of the proposals is to provide incentives for registrants to add additional crop groups or minor uses to their labels.

Link to consultation paper and exposure draft:

<https://haveyoursay.awe.gov.au/70607/widgets/344625/documents/>

Australian Pesticides and Veterinary Medicines Authority (APVMA) Label Extensions & Registrations

Adama

In August Adama added the use in pears to the Brevis Fruit Thinner (metamitron) label.

AgNova

AgNova have applied to register a new Group 13 fungicide **ipflufenquin** (MIGIWA®) for use in strawberries, wine grapes, apple and pears. It is also currently going through registration in the USA for the control of powdery mildew on pome fruit and various foliar diseases in almonds.

Arysta

Arysta have now registered XTron 700 Herbicide (**amicarbazon**) a Group 6 herbicide for use in turf.

Bayer

Balance (**isoxaflutole**) was registered in August for use in pineapples (Hort Innovation strategic project ST15029 outcome).

Luna® Experience (**Fluopyram + Tebuconazole**) label extension was submitted in September for use citrus, persimmons, berries, tropical inedible peel, olives, bulb vegetables, leafy vegetables, Macadamia and Pistachio as an outcome of Hort Innovation strategic projects ST16006 and ST17000.

Corteva

In September Corteva have registered a new nematicide Salibro® Reklémel (**fluazaindoline**) for use in Cucurbit, Fruiting and Root and tuber vegetables. The compound is also currently going through registration in the USA in a number of vegetable crops as well as non-bearing fruit and tree nut crops.

In July Corteva applied to extend the **sulfoxaflor** labels (Transform and Expedite Full) to include assorted tropical and subtropical fruit (inedible peel) (except banana), cane berries, carob, herbs and spices, persimmons and pineapple, and new pests in strawberries. Most of which are outcomes of Hort Innovation strategic projects ST16006 and ST17000.

In July Corteva also applied to register a **mancozeb + oxathiapiprolin** fungicide (Zorvec Enibel) for use in vegetables against Downy Mildew.

FMC

In September FMC have applied to add Macadamia (outcome of Hort Innovation project MC17007), Walnut and Hazelnut Tree nut crops to

the Avatar eVo (**indoxacarb**) label and in August applied to have blueberries and turf added to their Rovral Aquaflor (**iprodione**) label.

FMC is also in the process of launching a higher concentration **chlorantraniliprole** Altacor X-Force 700 WG to replace Altacor Hort 350.

Nufarm

In August Nufarm registered a new Group 19 fungicide **polyoxin-D zinc salt** (Intervene®). It provides a new mode of action and will target grey mould and powdery mildew in apples, grapes and berries. The company has also recently registered Digger (**difenoconazole**) for use in grapes

Semios

Semios Australia applied in August to add use in walnuts for its Codling moth pheromone CM Eco Aerosol Pheromone.

Sumitomo

In July Sumitomo applied to expand the mandestrobin (**Intuity**®) fungicide label to include the control of White rot and Downy mildew in onions and brassicas.

The label for Pyganic (**pyrethrins**) has also been recently expanded to allow use just prior to harvest in a wide range of crops.

Syngenta

In September Syngenta have applied to register a new nematicide Vaniva 450SC (TYMIRIUM™ Technology - **cyclobutrifluram**) for use in Turf, Cucurbits and Fruiting vegetable crops.

The label for Chess (**pymetrozine**) has been expanded to include use in almonds and pistachios, and various fruiting and leafy vegetable crops, and ornamental and nursery crops for control of aphids and silverleaf whitefly. Many uses being transferred to label resulting from various Hort Innovation historical data generation project activities.

An application to add almonds to the Seguris Flexi (**isopyrazam**) label for Blossom blight has also been submitted. Syngenta have applied to extend the Switch Fungicide label (**cyprodinil + fludioxonil**) to control Leaf and Fruit blotch caused by Alternaria species in apples (An outcome of Hort Innovation strategic project ST17000).

Syngenta have also applied in July to extend the Score (**difenoconazole**) label to include grapes

Turf Culture

Turf Culture recently registered Tribeca Fungicide (**triticonazole + fludioxonil**) for the control of various diseases in turf.

APVMA Permit to Label Project

In 2015, as part of an Australian Government initiative to improve access to agricultural chemicals, the APVMA investigated the possibility of transferring minor use permit use patterns to product labels (registration). In conducting this project, the APVMA is systematically reviewed approximately 1,400 current permits by active ingredient.

Recent outcomes of the permit to label project approved by the APVMA include the following:

Metham - Genfarm label extension Sep-2021

PER82024 – Metham soil fumigant / Blueberry and Rubus / germinating weed seeds and soil borne pathogens

Ioxynil - Numerous registrants have expanded their Ioxynil labels.

PER14142 – Ioxynil / Spring onions, Shallots & Welsh onions / Broad Leaf and Grass Weeds

PER81271 – Various Actives / Leeks / Specified Grass and Broadleaf Weeds

Linuron – July, Imtrade applied to extend their Linuron 800 label

PER12357 – Linuron / Parsnips / Grass and broadleaf weeds

PER13367 – Linuron / Leeks and Celeriac / Grass and Broadleaf weeds

PER13496 – Linuron / Celery / range of weeds

PER89645 – Linuron / Shallots and spring onions / annual weeds

Quinoxifen – July, Gowan Crop Protection Australia applied to extend their Legend Fungicide label.

PER11991 – Legend Fungicide (quinoxifen) / Silverbeet / Powdery mildew

PER14577 – Legend / Strawberry Runner Production / Powdery Mildew

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