



Vegetable Minor Use Permits and Label Registrations – March 2018 Update

While the use of pesticides is being modified through the increasing uptake of integrated pest management, there is still a need for the strategic use of specific chemicals.

Pesticide companies submit use patterns for registration to the Australian Pesticides and Veterinary Medicines Authority (APVMA) and the vegetable industry is generally provided with limited registrations because of its minor crop status. Minor use permits are required in the vegetable industry where the market size is considered too small to generate adequate commercial returns for the research and development investment by the pesticide companies.

Hort Innovation has supported the horticultural sector to gain access to additional funding for strategic investments. In 2015/16, this included almost \$1.1 million in assistance grants for access to industry priority uses of AgVet chemicals, from a possible \$1.6 million available. In 2016/17, this included almost \$1.3 million from a possible \$2.4 million available across all agricultural and livestock RDCs. Fortunately, the vegetable industry has been the beneficiary of some of these grants to help fast track the industry's pesticide program.

Vegetable Data Generation Projects – Status Update

The projects funded by the assistance grants (ST15027 and ST15026) are multi-industry data generation projects that have undertaken residue trials for the renewal of the following permits relevant to the vegetable industry:

PER14536	Abamectin / Sweet corn, spring onions & shallots / Two-spotted mites	Data generated and submitted to APVMA Permit issued PER14536 V3
PER82460	Etoxazole / Pumpkin, Cucumber, Zucchini, Squash,Chayote,Capsicum, tomatoes, snow peas, sugar snap peas, cucurbits & Asian cucurbits / Tomato spider mite & Two-spotted mite	Data generated and submitted to APVMA 15-Dec-17 Due for completion 11-Jun-18
PER14765	Hexythiazox / Cucurbits, Fruiting vegetables, Snow and sugar snap peas & potatoes	Data generated and submitted to APVMA 20-Feb-2018 - pending
PER12567	Iprodione / Green beans, carrots, spinach & silverbeet / Sclerotinia, Black rot & Grey Mould	Data generated and submitted to APVMA Permit issued PER84955
PER13031	Maldison / Capsicums & Cucumbers / Fruit Fly	Data generated and submitted to APVMA 22-Jan-18 Due for completion 14-Aug-18

PER14958	Mancozeb + Dimethomorph / Brassica Leafy vegetables, silverbeet, spinach, leafy lettuce, beetroot, chicory, endive, parsley, radicchio, radish & rocket / Downy Mildew & Alternaria leaf spots	Data generated and submitted to APVMA Permit issued PER14958 V2
PER14474	Methoxyfenozole (Prodigy) / Sweet corn / Lepidopteran pests & Helicoverpa spp.	Data generated and submitted to APVMA Permit issued as PER80954
PER14384	Pyriproxyfen (Admiral) / Broccoli, brussels sprouts, cabbage & cauliflower / Silverleaf Whitefly	Data generated and submitted to APVMA Permit issued as PER84261
PER14701	Pyriproxyfen (Admiral) / Beans / Silverleaf Whitefly	Data generated and submitted to APVMA Due for completion Feb 2018 (pending).

Also relevant to the industry is project ST16006, a multi-industry data generation project contracted by Hort Innovation in February 2017. This project will undertake studies required for new label registrations for the following:

Bayer – Fluopyram (Luna Privilege) Group 7	Sclerotinia	Bulb vegetables (shallots, chives, spring onions, fennel)
AgNova - Ametoctradin + Dimethomorph (Zampro) Group 40 + 45	Downy Mildew	Bulb Vegetables (onions), Brassica leafy vegetables, Root and tuber vegetables (beetroot)
BASF - NEW Afidopyropen (Versys) Group 9	Aphids	Root & Tuber vegetables (Carrots)

These studies are due for completion in February 2020 and the data generated will be provided to registrants to make the regulatory submissions to the APVMA for label registrations.

ST16006 will also undertake studies required for permit renewals for the following:

PER80099	Alpha-cypermethrin / Vegetable fruiting vegetables (other than cucurbits) / QFF & Med-fly
PER82341	Bifenazate / Cucumber, peppers, zucchini, eggplant, sin qua, bitter melon, tomato & snake bean / Two-spotted mite
PER81196	Bifenthrin / Cucumber, Brassica vegetables, lettuce, beans, peppers, eggplant & peas / Specified whitefly and mite species
PER10312	Glufosinate / Capsicum, snow and sugar snap peas / Broadleaf weeds & grasses
PER10938	Imidacloprid / Snow & sugar snap peas / Aphids
PER13367	Linuron / Leeks & celery / Grass & broadleaf weeds
PER80169	Metribuzin / Carrots / Grass & broadleaf weeds
PER11764	Spiroxamine / Snow & Sugar snap peas / Powdery Mildew
PER8930	Phorate / Eggplant, peppers, shallots & spring onions / Aphids, jassids, mites, thrips and onion maggot

These studies are due for completion in May 2018 and the data generated will be provided to the APVMA for permit extensions.

A further multi-industry data generation project, MT17012, contracted by Hort Innovation in December 2017, will also undertake studies required for permit renewals for the following:

PER14326	Captan Fungicide / Capsicum, chilli peppers, cucumbers & leafy lettuce / Grey Mould
PER80501	Cyprodinil + fludioxonil (switch) / Alliums (not including bulb onions & garlic) / Black mould & Grey mould
PER82745	Difenconazole / Silverbeet, spinach, chicory, endive, parsley & coriander / Powdery Mildew, Ring spot & Leaf blight

These studies are due for completion in June 2019 and the data generated will be provided to the APVMA for permit extensions.

Meanwhile, new data generation project ST17000 is due to commence in May 2018, and will undertake studies required for new label registrations for the following:

AgNova - Ametoctradin + Dimethomorph (Zampro) Group 40 + 45	Downy Mildew	Fruiting vegetable – Cucurbit Crop Group
Bayer – NEW DC-163 Insecticide	Whitefringed weevil, African black beetle & sweet potato weevil	Potatoes & Sweet Potatoes
Bayer – NEW DC-143 Insecticide	LBAM, helicoverpa, Lepidoptera etc	Stalk & Stem Crop Group (rhubarb, artichoke & celery)
Syngenta - Tervigo (Abamectin + Fe Chelate) Group 6	Root Knot nematodes	Root & Tuber Crop Group (potato and sweet potato)
Syngenta - Amistar Xtra (Azoxystrobin + cyproconazole (group 3 + 11)	Turcicum leaf blight	Fruiting Vegetables – Sweet corn
Syngenta - Amistar Top (Azoxystrobin + dienconazole) Group 3 + 11	Alternaria leaf blight	Herbs (parsley)
	Sclerotinia rot	Root & Tuber (carrots)
Syngenta – NEW Miravis (Pydiflumetofen)	Early blight/Cercospora	Stalk & Stem Vegetables (celery)
Syngenta – NEW Vibrance Premium (Sedaxane + Fludioxonil) seed treatment	Ryzoctonia	Root & Tuber (beetroot)
BASF - NEW Afidopyropen (Versys) Group 9	Aphids	Bulb vegetables (shallots, spring onions, leeks) Fruiting vegetables (note a registration is pending for cucurbits) Legume veg – beans & peas Stalk & stem (rhubarb, artichoke)
ISK Cyazofamid (Ranman) group 21	Phytophthora	Herbs (parsley)
ISK Flonicamid (Main Man) Group 9C	Thrips (Western flower thrips & onion thrips)	Bulb vegetables (onions, shallots, chives, spring onions, leeks, bulb fennel)

The research in ST17000 will be due for completion in November 2020 and the data generated will be provided to registrants to make the regulatory submissions to the APVMA for label registrations.

DISCOVER ALL CURRENT MINOR USE PERMITS FOR VEGETABLES

All current minor use permits for the industry, and the conditions of their use, are searchable at <https://portal.apvma.gov.au/permits>.

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