

Minor Use Permits for Nursery Stock as of July 2020

Before a pesticide can be used in Australia, it must first be registered for use with the Australian Pesticide and Veterinary Medicines Authority (APVMA). The registration process requires pesticide manufacturers to submit a comprehensive application including information on its chemistry and manufacture, the toxicological impacts on public and occupational health, any residues, environmental safety of the product, and the efficacy of the product.

Developing or obtaining the data to support an application is expensive. In small crop/pest situations, this expense can be cost prohibitive, especially when limited economic gain or return on investment is achievable. In these situations, however a permit may be granted which allows for the legal use of a pesticide in a minor use application. This permit allows for the use of a pesticide outside of its label instructions. Permits may also be granted by the APVMA for use in emergency situations; such as an exotic pest incursion, disease outbreak, or for use in research applications.

Before using a chemical under a minor use permit, growers should have a copy of the permit and read and comply with all the details, conditions and limitations noted in the permit.

Table 1 below lists the current minor use permits held by NGIA on behalf of industry. Additional minor use permits applicable to the production nursery industry held by other parties are listed in table 2. Permit numbers in these tables are hyperlinked to download a copy of the permit.

Before using these permits it is advised that growers check the currency of the permit on the APVMA website <https://portal.apvma.gov.au/permits> especially for those not held by NGIA, as permit versions may change without notice. The registration of products can also be checked on the APVMA website <https://portal.apvma.gov.au/pubcris>

The Nursery Production Minor Use Program is interested in hearing from growers on their pesticide needs. If there are any suggestions, please contact the program team at NGIA by emailing: biosecure@ngia.com.au.

Table 1 - Current Minor Use Permits held by NGIA

Permit Number	Permit Description	Mode of Action Group	Expiration
PER88719	Serifel Biofungicide (Bacillus amyloliquefaciens strain MB1600) / Nursery Stock (non-food) / suppression of various foliar and soil diseases/ Foliar: Alternaria leaf spot (Alternaria spp.), Anthracnose (Colletotrichum spp.), Cercospora leaf spot (Cercospora spp.), Downy Mildew (Peronospora spp.), Grey Mould (Botrytis cinerea), Powdery Mildew (Erysiphe/Leveillula/Podosphaera/ Sphaerotheca spp.), Rust (Puccinia spp.) and White Mould/Watery soft rot (Sclerotinia spp.). Soil/Media: Fusarium Wilt (Fusarium spp.), Leaf Drop (Sclerotinia spp.), Phytophthora Root Rot (Phytophthora spp.), Pythium Damping Off (Pythium spp.), Rhizoctonia Rot (Rhizoctonia spp.) and Verticillium Wilt (Verticillium spp.).	Group 44 Fungicide	31-July-22
PER89330	Acephate (LANCER or ORTHENE), acetamiprid + novaluron (CORMORAM), alpha-cypermethrin (DOMINEX or CONQUEST ALPHA FORTE), azadirachtin (AZAMAX), chlorantraniliprole (CORAGEN or ACELEPRYN GR), chlorantraniliprole + thiamethoxam (DURIVO), cyantraniliprole + thiamethoxam (SPINNER TURF), emamectin (PROCLAIM), indoxacarb (AVATAR or PROVAUNT TURF), lambda-cyhalothrin (KARATE ZEON), Methomyl (LANATE-L), methoxyfenozide (PRODIGY) and pyrethrins (PYGANIC). NURSERY	Multiple groups including: 1B, 4A, 3A, 6, 18, 22A, 28.	30-Jun-22



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	STOCK (NON-FOOD) – SEEDLINGS, TUBES & PLUGS, POTTED COLOUR, TREES AND SHRUBS, FOLIAGE PLANTS, PALMS, GRASSES, FRUITING PLANTS (NON-BEARING), CUT FLOWERS AND ORNAMENTALS'. Fall armyworm (<i>Spodoptera frugiperda</i>)		
PER88741	Actinovate Biofungicide (<i>Streptomyces lydicus</i> WYEC108) / Nursery Stock (non-food) / Fusarium wilt, Powdery mildew, Phytophthora root rot, Pythium damping-off, Rhizoctonia rot (suppression)	Group 9D Insecticide	31-Mar-22
PER88660	Versys Insecticide (afidopyropen) / Nursery Stock (non-food) / various aphids and Silverleaf whitefly	Group 9D Insecticide	28-Feb-23
PER88657	Banrot 400 WP & 80G (thiophanate-methyl + etridiazole) / Nursery Stock (non-food) / damping-off, root and stem rots caused by: <i>Pythium</i> , <i>Phytophthora</i> , <i>Rhizoctonia</i> , <i>Theilaviopsis</i> (<i>Chalara</i>)	Group 1 14 Fungicide	28-Feb-23
PER81707	Acramite Miticide (BIFENAZATE) / Nursery Stock (Non-Food)/ Mites	Group 2D	30-Sep-20
PER81491	Acrobat/Mancozeb (DIMETHOMORPH & MANCOZEB) / Nursery Stock (Nonfood) / Alternaria, Anthracnose, Downey Mildew & Phytophthora	Group 40/M3	31-Jul-20
PER81707	Admiral Insect Growth Regulator Insecticide (PYRIPROXYFEN) / Nursery Stock (Non-Food) / Whiteflies and Fungus Gnats	Group 7C	30-Sep-20
PER81263	Aero Fungicide (METIRAM/PYROCLOSTROBIN)/Nursery Stock (Nonfood)/Alternaria, Phytophthora, Colletotrichum, Powdery Mildew & Downy Mildew	Group M3/11	31-Jan-20
PER84744	Agador Turf Nematicide and Miticide (abamectin) / Nursery stock (non-food), cut flowers & foliage / nematodes (various)	Group 6 Insecticide	30-Nov-20
PER81491	Amistar (AZOXYSTROBIN) / Nursery Stock (Non-Food) / Downy Mildew, Powdery Mildew, Grey Mould, Rusts and Leaf Spots	Group 11	31-Jul-20
PER81707	Applaud Insecticide (BUPROFEZIN) / Nursery Stock (Non-Food) / Mealybug, Leafhoppers, Scale and Whitefly	Group 16	30-Sep-20
PER81707	Avatar Insecticide (INDOXACARB) / Nursery Stock (Non-Food)/ European Earwig, Heliopsis, Lightbrown Apple Moth & Weevils.	Group 22A	30-Sep-20
PER84303	Barricade Turf Herbicide (PRODIAMINE) Nursery Stock (Non-Food) Preemergent For Grass and Broad Leaf Weeds	Group D Herbicide	30-Apr-22
PER14856	Bifenthrin, Chlorothalonil, Chlorpyrifos, Imidacloprid, Mancozeb / Nursery stock (nonfood) / Quarantine pests	Various	31-May-23
PER81491	Blue Shield DF Copper Fungicide (COPPER HYDROXIDE) Nursery Stock (Nonfood)/Alternaria, Colletotrichum, Downy Mildew, Myrtle Rust	Group M2	31-Jul-20
PER81707	Chess Insecticide & Fulfill Insecticide (PYMETROZINE) / Nursery Stock (Nonfood) / Aphids and Whitefly	Group 9B	30-Sep-20
PER81707	Confidor 200 SC (IMIDACLOPRID) / Propagation Nursery Stock (Non-Food) / Silverleaf Whitefly	Group 4A	30-Sep-20
PER81707	Coragen Insecticide (CHLORANTRANILIPROLE) / Nursery Stock (Non-Food) / Heliopsis, Lightbrown Apple Moth, Apple Looper and Soybean Looper.	Group 28	30-Sep-20
PER86931	CORMORAN INSECTICIDE (Containing: 80 g/L ACETAMIPRID and 100 g/L NOVALURON as the only active constituent) / NURSERY STOCK (NON-FOOD), CUT FLOWERS AND ORNAMENTALS / Aphids, Bugs (Hemiptera spp.), Leafhoppers, Lepidoptera larvae, Mealybugs, Psyllids, Scale, Thrips	Group 15/4A Insecticide	31-Jan-24
PER80699	Sporekill (dodecyl dimethyl ammonium chloride), Oxydul (copper oxychloride), Grochem Copper (copper sulphate pentahydrate) & methylated spirits / nursery stock growing surfaces / pathogens (bacterial and fungal organisms)	Various	31-Jul-25



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PER86930	Dimethoate systemic insecticide plus other registered products (Dimethoate) - cut flowers, ornamentals and other (non-food) nursery stock / Spiraling Whitefly and Mirids	Group 1B Insecticide	30-Nov-23
PER83506	Diptex Insect Growth Regulator (cyromazine) / Nursery stock (non-food) / larvae of leafminer flies and Sciarid flies	Group 1B Insecticide	31-Oct-22
PER81707	Dominex Duo Insecticide (ALPHA-CYPERMETHERIN) Nurserystock (nonfood)/Aphids,Cutworms, Grasshoppers, Locust, Rutherglen bug & Thrips	Group 3A	30-Sep-20
PER81707	Durivo insecticide (THIAMETHOXAM/CHLORANTRANILIPROLE) /Nursery stock (nonfood)/Lepidoptera including Diamonback Moth, Cabbage White Butterfly, Helicoverpa, Caterpillars, Loopers, Leafhoppers, Aphids, Whitefly, Bugs, Thrips & Leafrollers	Group 4A/28	30-Sep-20
PER81290	Ecocarb Fungicide (POTASSIUM BICARBONATE)/Nursery Stock (Nonfood)/Powdery Mildew	Group M2	31-Jan-20
PER81707	Insegar Insecticide (FENOXYCARB) / Nursery stock (non-food) / Lepidoptera pests and San Jose scale	Group 7B	30-Sep-20
PER83964	Mainman 500 WG insecticide (flonicamid) / nursery stock / aphids, mealybugs, mirids, silverleaf whitefly and thrips & western flower thrips (suppression)	Group 9C Insecticide	31-Dec-22
PER81491	MANCOZEB / Nursery Stock (Non-Food) / Alternaria, Anthracnose, Cercospora, Downy Mildew, Grey Mould, Leaf Spot, Phoma, Rhizoctonia, Rust	Group M3 Fungicide	31-Jul-20
PER81707	Movento Insecticide (SPIROTETRAMAT)/Nursery stock (non-food)/Aphids, Silverleaf whitefly & Scale insects	Group 23	30-Sep-20
PER81491	Nimrod Fungicide (BUPIRIMATE)/Nursery Stock (Non-Food)/Powdery Mildew	Group 8	31-Jul-20
PER81448	Octave Fungicide (PROCHLORAZ) / Nursery Stock (Non-Food) / Anthracnose	Group C Fungicide	31-Oct-20
PER81707	Orthene & Lancer Insecticide (ACERPHATE) Nursery stock (non- food) Western Flower Thrips	Group 1B	30-Sep-20
PER81707	Paramite Insecticide (ETOXAZOLE) Nursery stock (non-food) Spider mites	Group 10B	30-Sep-20
PER81707	Pegasus Insecticide (DIAFENTHIURON) / Nursery Stock / Aphids, Mites and Whitefly	Group 12A	30-Sep-20
PER81707	Pest Oil (PETROLEUM OIL) Nursery stock (non-food)/Aphids, Leafhoppers, Mites, Scale and Thrips	N/A	30-Sep-20
PER84735	Pirimor WG Aphicide (pirimicarb) / Nursery stock (non-food) / aphids (various)	Group 1A Insecticide	30-Nov-20
PER81491	Pristine Fungicide (BOSCALID + PYRACLOSTROBIN)/Nursery Stock (Nonfood)/Anthracnose, Botrytis, Leaf Spot, Powdery Mildew	Group 11/7	31-Jul-20
PER81707	Proclaim Insecticide (EMAMECTIN) / Nursery stock (non-food) / Diamondback moth, loopers, green mirid, mites, cluster caterpillar, Heliothis, lightbrown apple moth	Group 6A	30-Sep-20
PER81707	PyGanic Organic Insecticide (PYRETHRINS) Nursery stock (nonstock)/Greenhouse Thrips, Diamondback moth, Cluster caterpillar, Heliothis & Lightbrown apple moth	Group 3A	30-Sep-20
PER87173	Quali-Pro Evolution Fungicide (azoxystrobin + tebuconazole) / Nursery Stock (Non-Food), Cut Flowers and Ornamentals / Anthracnose, Leaf mould, Myrtle rust, Powdery mildew, Rhizoctonia and Sclerotinia	Group 3/11 Fungicide	31-Mar-24
PER84707	Ranman 400 SC (cyazofamid) / nursery stock (non-food) and fruit trees (no-bearing) / Pythium, Phytophthora, Downy mildew)	Group 21 Fungicide	31-Mar-23



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PER81707	Regent 200SC Insecticide plus Instar Granular (FIPRONIL) Nursery stock (nonfood)/Ants, Cutworms/Wireworms, Earwigs, Fungus gnats/Sciarid flies, Root mealybug, Scarab beetles, Sugar cane weevil borer, Symphylids, Termites and Thrips	Group 2B	30-Sep-20
PER82643	Revus Fungicide (MANIPROPAMID)/Nursery stock (non-food)/Downey mildew and Phytophthora	Group 40 Fungicide	31-Aug-19
PER81491	Ridomil Gold MZ – (MANCOZEB + METALAXYL) / Nursery Stock (Non-Food)/ Alternaria, Anthracnose, Septoria Leaf Spot & Phytophthora	Group 4/M3	31-Jul-20
PER85010	Spinner Turf (cyantraniliprole + thiamethoxam) / nursery stock (non-food) and fruit trees (no-bearing) / Beetle larvae, weevil larvae, armyworm, cutworm	Group 4A 28 Insecticide	28-Feb-23
PER84742	Starkle Insecticide (dinotefuran) / Nursery stock (non-food), cut flowers and foliage / aphids, borers, leaf beetles, leafhoppers, mealybugs, mirids, scales, whiteflies, thrips, weevils	Group 4A Insecticide	30-Nov-20
PER87433	Success Neo Insecticide (spinetoram) /nursery Stock (non-food) – Cut Flowers, Foliage and Ornamentals / Psyllids and Thrips	Group 5 Insecticide	30-Apr-22
PER81707	Suscon Maxi Controlled Release Insecticide (IMIDACLOPRID) / Nursery Stock (Non-Food) / Various Insects	Group 4A	30-Sep-20
PER81491	Switch Fungicide (CYPRODINIL + FLUDIOXONIL)/Nursery S Stock (Nonfood)/Rhizoctonia, Sclerotinia, Botrytis, Colletotrichum, Aspergillus	Group 12/9	31-Jul-20
PER85011	Transform (sulfoxaflor) / nursery stock (non-food) and fruit trees (no-bearing) / aphids, mealybugs, mirids, scale, greenhouse whitefly	Group 4C Insecticide	28-Feb-23
PER87434	Transform Insecticide (Sulfoxaflor)/ Nursery Stock (Non-Food), Cut Flowers and Ornamentals / Psyllids and Stink bugs	Group 4C Insecticide	30-Apr-22
PER81491	TRIADIMENOL, TRIFORINE, MANCOZEB, AZOXYSTROBIN, COPPER OXYCHLORIDE, OXYCARBOXIN AND PROPICONAZOLE / Nursery Stock (Nonfood), Ornamentals and Cut Flowers / Myrtle Rust (Uredo Rangelii)	Various	31-Jul-20



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Table 2 Minor Use Permits held by other parties relevant to nursery stock

Permit Number	Active	Pest(s) / Disease(s)	Expiration
PER9795	Various (WA Nursery stock entry condition)	WA Quarantine treatment	31 Mar 2027
PER9796	BIFENTHRIN	WA Quarantine treatment	31 Jul 2027
PER10043	BIFENTHRIN Insecticide	WA Quarantine treatment	31 Jul 2027
PER12073	CYFLUTHRIN Insecticide	Red Imported Fire Ant & Tropical Fire Ant (QLD)	31 Mar 2020
PER12378	ACEPHATE	Western Flower Thrips	31 Oct 2020
PER12491	MALDISON (MALATHION)	Australian Plague locust	31 Jul 2020
PER13059	ABAMECTIN, CLOFENTEZINE, AMITRAZ	Citrus Red Mite (NSW)	30 Sep 2020
PER13504	CHLORPYRIFOS Insecticide	Red Imported Fire Ants (QLD)	30 Sep 2027
PER13706	IMIDACLOPRID	Aconophora compressa (QLD)	31 Mar 2023
PER13916	BIFENTHRIN (Brigade) Insecticide	Red Imported Fire Ant (NSW)	31 Mar 2020
PER13959	BIFENTHRIN (Brigade) Insecticide	Red Imported Fire Ant (QLD)	31 Mar 2023
PER14256	CHLORPYRIFOS Insecticide (SuSCon Green)	Red Imported Fire Ants (QLD)	30 Sep 2025
PER14964	CHLOROTHALONIL Fungicide	Anthraco-nose (Lettuce seedlings)	30 Nov 2019
PER80719	SPINOSAD (Naturalure Fruit Fly Bait Concentrate)	Mediterranean & Queensland Fruit Fly	31 Mar 2020
PER81321	METHOMYL, THIODICARB, METHIOCARB	Green Snail (WA)	30 Jun 2020
PER84229	ABAMECTIN, BIFENTHRIN, METHOMYL	Tomato Potato Psyllid (<i>Bactericera cockerelli</i>)	28 Feb 2020
PER84951	Herbicides – Roundup (glyphosate), Basta (glufosinate), Goal (oxyfluorfen), Spray.Seed (paraquat + diquat), Gesatop (simazine) / nursery stock (non-food), foliage and cut flowers including wildflowers / various annual, perennial and woody weeds	Range of annual, perennial and woody weeds, broadleaf and grass weeds (as per label)	31 Dec 2022
PER84952	Fungicides – Ecocarb (potassium bicarbonate) Basta and Filan (boscalid) / nursery stock (non-food), foliage and cut flowers including wildflowers / various diseases	Ink Disease (<i>Alternaria alternata</i>) Botrytis, Powdery mildew	28 Feb 2023
PER84953	Various (Azadirachtin, Chlorpyrifos, Methomyl, Pirimicarb, Methoxyfenozide) – nursery stock, cutflowers, foliage	Aphids, Green vegetable bug, Lepidopteran larvae and scale insects, Psyllids, Stem borers, Thrips, Brown Marmorated Stink Bug	30 Nov 2022



Nursery & Garden Industry
Australia

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IMPORTANT NOTE

As permit versions may be updated, it is highly recommended before use, that permits are validated against the most current version which can be found on the Australian Pesticides and Veterinary Medicines Authority (APVMA) website www.apvma.gov.au

Growers seeking to use chemicals under a minor use permit are reminded to seek a copy of the permit and comply with all directions and limitations noted in the permit.

Developed by the NGIA National Nursery Industry Biosecurity Program Team 2020

**Hort
Innovation**
Strategic levy investment

**NURSERY
FUND**

This project has been funded by Hort Innovation using the nursery research and development levy and funds from the Australian Government. For more information on the fund and strategic levy investment visit horticulture.com.au