

## Minor Use Permits for Nursery Stock as of July 2021

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 N/GIA 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 GIA by emailing: [biosecure@greenlifeindustry.com.au](mailto:biosecure@greenlifeindustry.com.au).

Table 1 - Current Minor Use Permits held by N/GIA

Permit Number	Permit Description	Mode of Action Group	Expiration
<a href="#">PER90148</a>	Aero (metiram + pyraclostrobin) / Nursery stock (non-food) / Alternaria, Anthracnose, Phytophthora, Powdery mildew and Downy mildew	Group 11 M3 fungicide	31-May-24
<a href="#">PER90417</a>	Ecocarb (potassium bicarbonate) / nursery stock (non food) / powdery mildew	Group M2 fungicide	31-May-24
<a href="#">PER89239</a>	Teppan (cyclaniliprole) / Nursery Stock (non-food) / control of: lepidoptera adults larvae and hatched eggs, beetles, leafminer, psyllids, soft scales, weevils and whiteflies. Suppression of: aphids, stink bug nymphs, thrips and mealybugs	Group 28 insecticide	31-May-23
<a href="#">PER87445</a>	Sero-X Insecticide (Clitoria ternatea extract) / Nursery Stock (Non-Food), Cut Flowers and Ornamentals / Heliothis, Silverleaf whitefly & Green mirid	Insecticide	29-Feb-24

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<a href="#">PER87437</a>	BOTECTOR FUNGICIDE ( <i>Aureobasidium pullulans</i> ) / nursery stock (non food) / Botrytis	Group NC Fungicide	31-Jan-24
<a href="#">PER88695</a>	Voliam Targo (abamectin + chlorantraniliprole) / Nursery Stock (non-food) / control of: leafminer, lepidoptera larvae, mites, psyllids, thrips. Suppression of: beetles, bugs, leafhopper, weevils, whitefly	Group 6 and 28 Insecticide	28-Feb-24
<a href="#">PER88977</a>	Various insecticides (abamectin, azadirachtin, cyromazine, emamectin, chlorantraniliprole + thiamethoxam, cyantraniliprole, indoxacarb, spinetoram) / Nursery Stock (non-food) / <b>leafminers</b>	Various	30-Nov-22
<a href="#">PER88719</a>	Serifel Biofungicide ( <i>Bacillus amyloliquefaciens</i> strain MB1600) / Nursery Stock (non-food) / suppression of various foliar and soil diseases/ <b>Foliar:</b> Alternaria leaf spot ( <i>Alternaria</i> spp.), Anthracnose ( <i>Colletotrichum</i> spp.), Cercospora leaf spot ( <i>Cercospora</i> spp.), Downy Mildew ( <i>Peronospora</i> spp.), Grey Mould ( <i>Botrytis cinerea</i> ), Powdery Mildew ( <i>Erysiphe/Leveillula/Podosphaera/ Sphaerotheca</i> spp.), Rust ( <i>Puccinia</i> spp.) and White Mould/Watery soft rot ( <i>Sclerotinia</i> spp.). <b>Soil/Media:</b> Fusarium Wilt ( <i>Fusarium</i> spp.), Leaf Drop ( <i>Sclerotinia</i> spp.), Phytophthora Root Rot ( <i>Phytophthora</i> spp.), Pythium Damping Off ( <i>Pythium</i> spp.), Rhizoctonia Rot ( <i>Rhizoctonia</i> spp.) and Verticillium Wilt ( <i>Verticillium</i> spp.).	Group 44 Fungicide	31-July-22
<a href="#">PER89330</a>	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 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> )	Multiple groups including: 1B, 4A, 3A, 6, 18, 22A, 28.	30-Jun-22
<a href="#">PER88741</a>	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
<a href="#">PER88660</a>	Versys Insecticide (afidopyropen) / Nursery Stock (non-food) / various aphids and Silverleaf whitefly	Group 9D Insecticide	28-Feb-23
<a href="#">PER88657</a>	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
<a href="#">PER81707</a>	Acramite Miticide (BIFENAZATE) / Nursery Stock (Non-Food)/ Mites	Group 2D	
<a href="#">PER90148</a>	Acrobat/Mancozeb (DIMETHOMORPH & MANCOZEB) / Nursery Stock (Nonfood) / Alternaria, Anthracnose, Downey Mildew & Phytophthora	Group 40/M3	31-Jul-21
<a href="#">PER81707</a>	Admiral Insect Growth Regulator Insecticide (PYRIPROXYFEN) / Nursery Stock (Non-Food) / Whiteflies and Fungus Gnats	Group 7C	30-July-22

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<a href="#">PER81263</a>	Aero Fungicide (METIRAM/PYROCLOSTROBIN)/Nursery Stock (Nonfood)/Alternaria, Phytophthora, Colletotrichum, Powdery Mildew & Downy Mildew	Group M3/11	31-Jan-20
<a href="#">PER90411</a>	Agador Turf Nematicide and Miticide (abamectin) / Nursery stock (non-food), cut flowers & foliage / nematodes (various)	Group 6 Insecticide	31-Mar-24
<a href="#">PER90148</a>	Amistar (AZOXYSTROBIN) / Nursery Stock (Non-Food) / Downy Mildew, Powdery Mildew, Grey Mould, Rusts and Leaf Spots	Group 11	31-Jul-21
<a href="#">PER81707</a>	Applaud Insecticide (BUPROFEZIN) / Nursery Stock (Non-Food) / Mealybug, Leafhoppers, Scale and Whitefly	Group 16	30-Jun-21
<a href="#">PER81707</a>	Avatar Insecticide (INDOXACARB) / Nursery Stock (Non-Food)/ European Earwig, Heliothis, Lightbrown Apple Moth & Weevils.	Group 22A	30-Jun-21
<a href="#">PER84303</a>	Barricade Turf Herbicide (PRODIAMINE) Nursery Stock (Non-Food) Preemergent For Grass and Broad Leaf Weeds	Group D Herbicide	30-Apr-22
<a href="#">PER14856</a>	Bifenthrin, Chlorothalonil, Chlorpyrifos, Imidacloprid, Mancozeb / Nursery stock (nonfood) / Quarantine pests	Various	31-May-23
<a href="#">PER90148</a>	Blue Shield DF Copper Fungicide (COPPER HYDROXIDE) Nursery Stock (Nonfood)/Alternaria, Colletotrichum, Downy Mildew, Myrtle Rust	Group M2	31-Jul-21
<a href="#">PER81707</a>	Chess Insecticide & Fulfill Insecticide (PYMETROZINE) / Nursery Stock (Nonfood) / Aphids and Whitefly	Group 9B	30-Jun-21
<a href="#">PER81707</a>	Confidor 200 SC (IMIDACLOPRID) / Propagation Nursery Stock (Non-Food) / Silverleaf Whitefly	Group 4A	30-Jun-21
<a href="#">PER81707</a>	Coragen Insecticide (CHLORANTRANILIPROLE) / Nursery Stock (Non-Food) / Heliothis, Lightbrown Apple Moth, Apple Looper and Soybean Looper.	Group 28	30-Sep-20
<a href="#">PER86931</a>	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
<a href="#">PER80699</a>	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
<a href="#">PER86930</a>	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
<a href="#">PER83506</a>	Diptex Insect Growth Regulator (cyromazine) / Nursery stock (non-food) / larvae of leafminer flies and Sciarid flies	Group 1B Insecticide	31-Oct-22
<a href="#">PER81707</a>	Dominex Duo Insecticide (ALPHA-CYPERMETHERIN) Nurserystock (nonfood)/Aphids,Cutworms, Grasshoppers, Locust, Rutherglen bug & Thrips	Group 3A	30-Jun-21
<a href="#">PER81707</a>	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-Jun-21
<a href="#">PER81290</a>	Ecocarb Fungicide (POTASSIUM BICARBONATE)/Nursery Stock (Nonfood)/Powdery Mildew	Group M2	31-Jan-20
<a href="#">PER81707</a>	Insegar Insecticide (FENOXYCARB) / Nursery stock (non-food) / Lepidoptera pests and San Jose scale	Group 7B	30-Jun-21

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<a href="#">PER83964</a>	Mainman 500 WG insecticide (flonicamid) / nursery stock / aphids, mealybugs, mirids, silverleaf whitefly and thrips & western flower thrips (suppression)	Group 9C Insecticide	31-Dec-22
<a href="#">PER90148</a>	MANCOZEB / Nursery Stock (Non-Food) / Alternaria, Anthracnose, Cercospora, Downy Mildew, Grey Mould, Leaf Spot, Phoma, Rhizoctonia, Rust	Group M3 Fungicide	31-Jul-21
<a href="#">PER81707</a>	Movento Insecticide (SPIROTETRAMAT)/Nursery stock (non-food)/Aphids, Silverleaf whitefly & Scale insects	Group 23	30-Jun-21
<a href="#">PER90148</a>	Nimrod Fungicide (BUPIRIMATE)/Nursery Stock (Non-Food)/Powdery Mildew	Group 8	31-Jul-21
<a href="#">PER81448</a>	Octave   Fungicide (PROCHLORAZ) / Nursery Stock (Non-Food) / Anthracnose	Group C Fungicide	31-Oct-20
<a href="#">PER81707</a>	Orthene & Lancer Insecticide (ACERPHATE) Nursery stock (non- food) Western Flower Thrips	Group 1B	30-Jun-21
<a href="#">PER81707</a>	Paramite Insecticide (ETOXAZOLE) Nursery stock (non-food) Spider mites	Group 10B	30-Jun-21
<a href="#">PER81707</a>	Pegasus Insecticide (DIAFENTHIURON) / Nursery Stock / Aphids, Mites and Whitefly	Group 12A	30-Jun-21
<a href="#">PER81707</a>	Pest Oil (PETROLEUM OIL) Nursery stock (non-food)/Aphids, Leafhoppers, Mites, Scale and Thrips	N/A	30-Jun-21
<a href="#">PER84735</a>	Pirimor WG Aphicide (pirimicarb) / Nursery stock (non-food) / aphids (various)	Group 1A Insecticide	30-Nov-20
<a href="#">PER90148</a>	Pristine Fungicide (BOSCALID + PYRACLOSTROBIN)/Nursery Stock (Nonfood)/Anthracnose, Botrytis, Leaf Spot, Powdery Mildew	Group 11/7	31-Jul-21
<a href="#">PER81707</a>	Proclaim Insecticide (EMAMECTIN) / Nursery stock (non-food) / Diamondback moth, loopers, green mirid, mites, cluster caterpillar, Heliothis, lightbrown apple moth	Group 6A	30-Jun-21
<a href="#">PER81707</a>	PyGanic Organic Insecticide (PYRETHRINS) Nursery stock (nonstock)/Greenhouse Thrips, Diamondback moth, Cluster caterpillar, Heliothis & Lightbrown apple moth	Group 3A	30-Jun-21
<a href="#">PER87173</a>	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
<a href="#">PER84707</a>	Ranman 400 SC (cyazofamid) / nursery stock (non-food) and fruit trees (no-bearing) / Pythium, Phytophthora, Downy mildew)	Group 21 Fungicide	31-Mar-23
<a href="#">PER81707</a>	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-Jun-21
<a href="#">PER82643</a>	Revus Fungicide (MANIPROPAMID)/Nursery stock (non-food)/Downey mildew and Phytophthora	Group 40 Fungicide	31-Aug-19
<a href="#">PER90148</a>	Ridomil Gold MZ – (MANCOZEB + METALAXYL) / Nursery Stock (Non-Food)/ Alternaria, Anthracnose, Septoria Leaf Spot & Phytophthora	Group 4/M3	31-Jul-21
<a href="#">PER85010</a>	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
<a href="#">PER84742</a>	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

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<a href="#">PER87433</a>	Success Neo Insecticide (spinetoram) /nursery Stock (non-food) – Cut Flowers, Foliage and Ornamentals / Psyllids and Thrips	Group 5 Insecticide	30-Apr-22
<a href="#">PER81707</a>	Suscon Maxi Controlled Release Insecticide (IMIDACLOPRID) / Nursery Stock (Non-Food) / Various Insects	Group 4A	30-Jun-21
<a href="#">PER90148</a>	Switch Fungicide (CYPRODINIL + FLUDIOXONIL)/Nursery S Stock (Nonfood)/Rhizoctonia, Sclerotinia, Botrytis, Colletotrichum, Aspergillus	Group 12/9	31-Jul-21
<a href="#">PER85011</a>	Transform (sulfoxaflor) / nursery stock (non-food) and fruit trees (no-bearing) / aphids, mealybugs, mirids, scale, greenhouse whitefly	Group 4C Insecticide	28-Feb-23
<a href="#">PER87434</a>	Transform Insecticide (Sulfoxaflor)/ Nursery Stock (Non-Food), Cut Flowers and Ornamentals / Psyllids and Stink bugs	Group 4C Insecticide	30-Apr-22
<a href="#">PER90148</a>	TRIADIMENOL, TRIFORINE, MANCOZEB, AZOXYSTROBIN, COPPER OXYCHLORIDE, OXYCARBOXIN AND PROPICONAZOLE / Nursery Stock (Nonfood), Ornamentals and Cut Flowers / Myrtle Rust (Uredo Rangelii)	Various	31-Jul-21

## Minor Use Permits for Nursery Stock as of July 2021

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

Permit Number	Active	Pest(s) / Disease(s)	Expiration
<a href="#">PER90820</a>	Spodoptera Frugiperda Multiple Nucleopolyhedrovirus (SfMNPV) (Fawligen Fall Armyworm Biocontrol)	Fall Armyworm	31 Mar 2024
<a href="#">PER9795</a>	Various (WA Nursery stock entry condition)	WA Quarantine treatment	31 Mar 2027
<a href="#">PER9796</a>	BIFENTHRIN	WA Quarantine treatment	31 Jul 2027
<a href="#">PER10043</a>	BIFENTHRIN Insecticide	WA Quarantine treatment	31 Jul 2027
<a href="#">PER12073</a>	CYFLUTHRIN Insecticide	Red Imported Fire Ant & Tropical Fire Ant (QLD)	30 Apr 2025
<a href="#">PER12378</a>	ACEPHATE	Western Flower Thrips	31 Oct 2020
<a href="#">PER12491</a>	MALDISON (MALATHION)	Australian Plague locust	31 Jul 2023
<a href="#">PER13059</a>	ABAMECTIN, CLOFENTEZINE, AMITRAZ	Citrus Red Mite (NSW)	30 Sep 2025
<a href="#">PER13504</a>	CHLORPYRIFOS Insecticide	Red Imported Fire Ants (QLD)	30 Sep 2027
<a href="#">PER13706</a>	IMIDACLOPRID	Aconophora compressa (QLD)	31 Mar 2023
<a href="#">PER13916</a>	BIFENTHRIN (Brigade) Insecticide	Red Imported Fire Ant (NSW)	31 Mar 2025
<a href="#">PER13959</a>	BIFENTHRIN (Brigade) Insecticide	Red Imported Fire Ant (QLD)	31 Mar 2023
<a href="#">PER14256</a>	CHLORPYRIFOS Insecticide (SuSCon Green)	Red Imported Fire Ants (QLD)	30 Sep 2025
<a href="#">PER14964</a>	CHLOROTHALONIL Fungicide	Anthrachnose (Lettuce seedlings)	30 Nov 2022
<a href="#">PER80719</a>	SPINOSAD (Naturalure Fruit Fly Bait Concentrate)	Mediterranean & Queensland Fruit Fly	31 Mar 2025
<a href="#">PER81321</a>	METHOMYL, THIODICARB, METHIOCARB	Green Snail (WA)	30 Jun 2020
<a href="#">PER84229</a>	ABAMECTIN, BIFENTHRIN, METHOMYL	Tomato Potato Psyllid ( <i>Bactericera cockerelli</i> )	31 Mar 2025
<a href="#">PER84951</a>	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
<a href="#">PER84952</a>	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
<a href="#">PER84953</a>	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



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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](http://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 GIA National Nursery Industry Biosecurity Program Team 2021

**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](http://horticulture.com.au)