



Australian Government
**Australian Pesticides and
Veterinary Medicines Authority**

**PERMIT TO ALLOW MINOR USE OF A REGISTERED AGVET CHEMICAL
PRODUCT FOR CONTROL AND SUPPRESSION OF VARIOUS INSECT PESTS
IN ASSORTED TROPICAL AND SUB-TROPICAL FRUITS**

PERMIT NUMBER – PER89943

This permit is issued to the Permit Holder in response to an application granted by the APVMA under section 112 of the Agvet Codes of the jurisdictions set out below. This permit allows a person, as stipulated below, to use the product in the manner specified in this permit in the designated jurisdictions. This permit also allows the Permit Holder and any person stipulated below to claim that the product can be used in the manner specified in this permit.

THIS PERMIT IS IN FORCE FROM 29 JANUARY 2021 TO 31 JANUARY 2024

Permit Holder:

HORTICULTURE INNOVATION AUSTRALIA LTD
Level 7, 141 Walker Street
NORTH SYDNEY NSW 2060

Persons who can use the product under this permit:

Persons generally.

CONDITIONS OF USE

Products to be used:

TRIVOR INSECTICIDE (APVMA No. 80807)

Containing: 186 g/L ACETAMIPRID and 124 g/L PYRIPROXYFEN as the only active constituents.

RESTRAINTS:

DO NOT apply by aircraft.

DO NOT apply if rainfall that is likely to produce runoff is forecast within 48 hours.

DO NOT apply during flowering.

DO NOT apply more than 1.6 L/ha per season.

Directions for Use:

Use in accordance with directions for use in **Attachment 1**.

Withholding Period:

Harvest: Do not harvest for 28 days after application.

Grazing: Do not graze or cut treated areas for stock feed.

Jurisdiction:

All States and Territories, except VIC.

Note: Victoria is not included in this permit, as their Control-of-Use legislation means a permit is not required to legalise this off-label use in that State.

Additional Conditions:

This permit allows for the use of a product in a manner specified on the permit. Persons who wish to prepare for use and/or use products for the purposes specified in this permit must read, or have read to them, the details and conditions of this permit. Unless otherwise stated, the use of the product must be in accordance with the product label.

Export of treated produce

Maximum Residue Limits (MRLs) or Temporary Maximum Residue Limits (TMRLs) have been established to allow treated produce to be used for human and/or animal consumption. MRLs can be found in the *Agricultural and Veterinary Chemicals Code (MRL Standard) Instrument 2019*. MRLs apply only to produce marketed and consumed in Australia. If treated produce is to be exported, residues must not exceed the limits/tolerances of the importing country.

Other Matters

Continued issuance of this permit is subject to the outcomes of the current APVMA review of acetamiprid. This permit may be impacted by the outcomes of this review.

Issued by the Australian Pesticides and Veterinary Medicines Authority

Attachment 1.

Directions for Use:

Crop	Pest	Rate	Critical Use Comments
Custard Apples	Fruit Spotting Bugs (<i>Amblypelta nitida</i> and <i>Amblypelta lutescens</i>)	20 – 40 mL/100 L or 400 – 800 mL/ha	<p>Apply when monitoring indicates fruit spotting bug are becoming active in the crop, as part of a monitoring and spray program for the management of fruit spotting bug.</p> <p>Use the higher rate if high fruit spotting bug pressure is expected and for longer residual control.</p> <p>Apply as a foliar application by airblast sprayer, boomspray or equivalent.</p> <p>Apply spray dilute to the point of run-off; use sufficient water to obtain thorough and uniform coverage.</p> <p>DO NOT apply more than 2 applications per season.</p> <p>DO NOT apply less than 14 days after the initial treatment.</p> <p>DO NOT apply more than 800 mL/ha per application.</p>
	Mediterranean Fruit Fly (<i>Ceratitis capitata</i>) Queensland Fruit Fly (<i>Bactrocera tryoni</i>) Suppression only.	40 mL/100 L or 800 mL/ha	<p>Apply when monitoring indicates fruit fly activity.</p> <p>Apply as part of a broader program involving other products for control of fruit fly, appropriate pest monitoring and farm hygiene.</p> <p>Apply as a foliar application by airblast sprayer, boomspray or equivalent.</p> <p>Apply as a dilute (high volume) spray to the point of runoff, ensuring thorough coverage of fruit and foliage. Concentrate spraying is not recommended when targeting fruit fly as thorough coverage is critical.</p> <p>DO NOT apply more than 2 applications per season.</p> <p>DO NOT apply less than 14 days after the initial treatment.</p> <p>DO NOT apply more than 800 mL/ha per application.</p> <p>Apply TRIVOR® in rotation with insecticides from a different mode of action using a 7 day spray interval.</p>

Attachment 1.

Crop	Pest	Rate	Critical Use Comments
Custard Apples	<p>Mealybugs (Pseudococcidae)</p> <p>Scale Insects (Coccoidea)</p>	<p>40 mL/100 L</p> <p>or</p> <p>800 mL/ha</p>	<p>Apply when monitoring indicates the onset of crawler release as part of a monitoring and spray program for the management of mealybugs and scale.</p> <p>Do not target applications on populations that are well- established where mature adult insects dominate the population.</p> <p>Apply as a foliar application by airblast sprayer, boomspray or equivalent.</p> <p>Apply spray dilute to the point of run-off; use sufficient water to obtain thorough and uniform coverage.</p> <p>DO NOT apply more than 2 applications per season.</p> <p>DO NOT apply less than 14 days after the initial treatment.</p> <p>DO NOT apply more than 800 mL/ha per application.</p>
Lychee	<p>Fruit Spotting Bugs (<i>Amblypelta nitida</i> and <i>Amblypelta lutescens</i>)</p>	<p>20 – 40 mL/100 L</p> <p>or</p> <p>400 – 800 mL/ha</p>	<p>Apply when monitoring indicates fruit spotting bug are becoming active in the crop.</p> <p>Use the higher rate if high fruit spotting bug pressure is expected and for longer residual control</p> <p>Apply as a foliar application by airblast sprayer, boomspray or equivalent.</p> <p>Apply spray dilute to the point of run-off; use sufficient water to obtain thorough and uniform coverage.</p> <p>DO NOT apply more than 2 applications per season.</p> <p>DO NOT apply less than 14 days after the initial treatment.</p> <p>DO NOT apply more than 800 mL/ha per application.</p>

Attachment 1.

Crop	Pest	Rate	Critical Use Comments
Lychee	Mediterranean Fruit Fly <i>(Ceratitis capitata)</i> Queensland Fruit Fly <i>(Bactrocera tryoni)</i> Suppression only.	40 mL/100 L or 800 mL/ha	Apply when monitoring indicates fruit fly activity. Apply as part of a broader program involving other products for control of fruit fly, appropriate pest monitoring and farm hygiene. Apply as a foliar application by airblast sprayer, boomspray or equivalent. Apply as a dilute (high volume) spray to the point of runoff, ensuring thorough coverage of fruit and foliage. Concentrate spraying is not recommended when targeting fruit fly as thorough coverage is critical. DO NOT apply more than 2 applications per season. DO NOT apply less than 14 days after the initial treatment. DO NOT apply more than 800 mL/ha per application. Apply in rotation with insecticides from a different mode of action using a 7 day spray interval.
	Mealybugs (Pseudococcidae) Scale Insects (Coccoidea)		Apply when monitoring indicates the onset of crawler release as part of a monitoring and spray program for the management of mealybugs and scale. Do not target applications on populations that are well- established where mature adult insects dominate the population. Apply as a foliar application by airblast sprayer, boomspray or equivalent. Apply spray dilute to the point of run-off; use sufficient water to obtain thorough and uniform coverage. DO NOT apply more than 2 applications per season. DO NOT apply less than 14 days after the initial treatment. DO NOT apply more than 800 mL/ha per application.

Attachment 1.

Crop	Pest	Rate	Critical Use Comments
Lychee	Plant Hoppers (Fulgoroidea) Leafhoppers (<i>Empoasca</i> spp.)	40 mL/100 L or 800 mL/ha	Apply when numbers exceed local pest thresholds as part of a monitoring and spray program for the management of leaf hoppers. Apply as a foliar application by airblast sprayer, boomspray or equivalent. Apply spray dilute to the point of run-off; use sufficient water to obtain thorough and uniform coverage. DO NOT apply more than 2 applications per season. DO NOT apply less than 14 days after the initial treatment. DO NOT apply more than 800 mL/ha per application.
Papaya	Fruit Spotting Bugs (<i>Amblypelta nitida</i> and <i>Amblypelta lutescens</i>)	20 – 40 mL/100 L or 400 – 800 mL/ha	Apply when monitoring indicates fruit spotting bug are becoming active in the crop, as part of a monitoring and spray program for the management of fruit spotting bug. Use the higher rate if high fruit spotting bug pressure is expected and for longer residual control Apply as a foliar application by airblast sprayer, boomspray or equivalent. Apply spray dilute to the point of run-off; use sufficient water to obtain thorough and uniform coverage. DO NOT apply more than 2 applications per season. DO NOT apply less than 14 days after the initial treatment. DO NOT apply more than 800 mL/ha per application.

Attachment 1.

Crop	Pest	Rate	Critical Use Comments
Papaya	Mediterranean Fruit Fly <i>(Ceratitis capitata)</i> Queensland Fruit Fly <i>(Bactrocera tryoni)</i> Suppression only.	40 mL/100 L or 800 mL/ha	Apply when monitoring indicates fruit fly activity. Apply as part of a broader program involving other products for control of fruit fly, appropriate pest monitoring and farm hygiene. Apply as a foliar application by airblast sprayer, boomspray or equivalent. Apply as a dilute (high volume) spray to the point of runoff, ensuring thorough coverage of fruit and foliage. Concentrate spraying is not recommended when targeting fruit fly as thorough coverage is critical. DO NOT apply more than 2 applications per season. DO NOT apply less than 14 days after the initial treatment. DO NOT apply more than 800 mL/ha per application. Apply TRIVOR® in rotation with insecticides from a different mode of action using a 7 day spray interval.
	Mealybugs (Pseudococcidae) Scale Insects (Coccoidea)		Apply when monitoring indicates the onset of crawler release as part of a monitoring and spray program for the management of mealybugs and scale. Do not target applications on populations that are well- established where mature adult insects dominate the population. Apply as a foliar application by airblast sprayer, boomspray or equivalent. Apply spray dilute to the point of run-off; use sufficient water to obtain thorough and uniform coverage. DO NOT apply more than 2 applications per season. DO NOT apply less than 14 days after the initial treatment. DO NOT apply more than 800 mL/ha per application.

Attachment 1.

Crop	Pest	Rate	Critical Use Comments
Papaya	Plant Hoppers (Fulgoroidea) Leafhoppers (<i>Empoasca</i> spp.)	40 mL/100 L or 800 mL/ha	Apply when numbers exceed local pest thresholds as part of a monitoring and spray program for the management of leaf hoppers. Apply as a foliar application by airblast sprayer, boomspray or equivalent. Apply spray dilute to the point of run-off; use sufficient water to obtain thorough and uniform coverage. DO NOT apply more than 2 applications per season. DO NOT apply less than 14 days after the initial treatment. DO NOT apply more than 800 mL/ha per application.
Passionfruit	Fruit Spotting Bugs (<i>Amblypelta nitida</i> and <i>Amblypelta lutescens</i>)	20 – 40 mL/100 L or 400 – 800 mL/ha	Apply when monitoring indicates fruit spotting bug are becoming active in the crop, as part of a monitoring and spray program for the management of fruit spotting bug. Use the higher rate if high fruit spotting bug pressure is expected and for longer residual control. Apply as a foliar application by airblast sprayer, boomspray or equivalent. Apply spray dilute to the point of run-off; use sufficient water to obtain thorough and uniform coverage. DO NOT apply more than 2 applications per season. DO NOT apply less than 14 days after the initial treatment. DO NOT apply more than 800 mL/ha per application.

Attachment 1.

Crop	Pest	Rate	Critical Use Comments
Passionfruit	Mediterranean Fruit Fly <i>(Ceratitis capitata)</i> Queensland Fruit Fly <i>(Bactrocera tryoni)</i> Suppression only.	40 mL/100 L or 800 mL/ha	Apply when monitoring indicates fruit fly activity. Apply as part of a broader program involving other products for control of fruit fly, appropriate pest monitoring and farm hygiene. Apply as a foliar application by airblast sprayer, boomspray or equivalent. Apply as a dilute (high volume) spray to the point of runoff, ensuring thorough coverage of fruit and foliage. Concentrate spraying is not recommended when targeting fruit fly as thorough coverage is critical. DO NOT apply more than 2 applications per season. DO NOT apply less than 14 days after the initial treatment. DO NOT apply more than 800 mL/ha per application. Apply TRIVOR® in rotation with insecticides from a different mode of action using a 7 day spray interval.
	Mealybugs (Pseudococcidae) Scale Insects (Coccoidea)		Apply when monitoring indicates the onset of crawler release as part of a monitoring and spray program for the management of mealybugs and scale. Do not target applications on populations that are well- established where mature adult insects dominate the population. Apply as a foliar application by airblast sprayer, boomspray or equivalent. Apply spray dilute to the point of run-off; use sufficient water to obtain thorough and uniform coverage. DO NOT apply more than 2 applications per season. DO NOT apply less than 14 days after the initial treatment. DO NOT apply more than 800 mL/ha per application.

Attachment 1.

Crop	Pest	Rate	Critical Use Comments
Passionfruit	Passionvine Hoppers <i>(Scolypopa australis)</i> Leafhoppers <i>(Empoasca spp.)</i>	40 mL/100 L or 800 mL/ha	Apply when numbers exceed local pest thresholds as part of a monitoring and spray program for the management of leaf hoppers. Apply as a foliar application by airblast sprayer, boomspray or equivalent. Apply spray dilute to the point of run-off; use sufficient water to obtain thorough and uniform coverage. DO NOT apply more than 2 applications per season. DO NOT apply less than 14 days after the initial treatment. DO NOT apply more than 800 mL/ha per application.
Persimmons	Fruit Spotting Bugs <i>(Amblypelta nitida and Amblypelta lutescens)</i>	20 – 40 mL/100 L or 400 – 800 mL/ha	Apply when monitoring indicates fruit spotting bug are becoming active in the crop. Use the higher rate if high fruit spotting bug pressure is expected and for longer residual control Apply as a foliar application by airblast sprayer, boomspray or equivalent. Apply spray dilute to the point of run-off; use sufficient water to obtain thorough and uniform coverage. DO NOT apply more than 2 applications per season. DO NOT apply less than 14 days after the initial treatment. DO NOT apply more than 800 mL/ha per application.

Attachment 1.

Crop	Pest	Rate	Critical Use Comments
Persimmons	Mediterranean Fruit Fly <i>(Ceratitis capitata)</i> Queensland Fruit Fly <i>(Bactrocera tryoni)</i> Suppression only.	40 mL/100 L or 800 mL/ha	<p>Apply when monitoring indicates fruit fly activity.</p> <p>Apply as part of a broader program involving other products for control of fruit fly, appropriate pest monitoring and farm hygiene.</p> <p>Apply as a foliar application by airblast sprayer, boomspray or equivalent.</p> <p>Apply as a dilute (high volume) spray to the point of runoff, ensuring thorough coverage of fruit and foliage. Concentrate spraying is not recommended when targeting fruit fly as thorough coverage is critical.</p> <p>DO NOT apply more than 2 applications per season.</p> <p>DO NOT apply less than 14 days after the initial treatment.</p> <p>DO NOT apply more than 800 mL/ha per application.</p> <p>Apply TRIVOR® in rotation with insecticides from a different mode of action using a 7 day spray interval.</p>
	Mealybugs (Pseudococcidae)		<p>Apply when monitoring indicates the onset of crawler release as part of a monitoring and spray program for the management of mealybugs and scale.</p> <p>Do not target applications on populations that are well- established where mature adult insects dominate the population.</p> <p>Apply as a foliar application by airblast sprayer, boomspray or equivalent.</p> <p>Apply spray dilute to the point of run-off; use sufficient water to obtain thorough and uniform coverage.</p> <p>DO NOT apply more than 2 applications per season.</p> <p>DO NOT apply less than 14 days after the initial treatment.</p> <p>DO NOT apply more than 800 mL/ha per application.</p>

Attachment 1.

Crop	Pest	Rate	Critical Use Comments
Persimmons	Scale Insects (Coccoidea)	40 mL/100 L or 800 mL/ha	<p>Apply when monitoring indicates the onset of crawler release.</p> <p>Do not target applications on populations that are well-established where mature adult insects dominate the population.</p> <p>Apply as a foliar application by airblast sprayer, boomspray or equivalent.</p> <p>Apply spray dilute to the point of run-off; use sufficient water to obtain thorough and uniform coverage.</p> <p>DO NOT apply more than 2 applications per season.</p> <p>DO NOT apply less than 14 days after the initial treatment.</p> <p>DO NOT apply more than 800 mL/ha per application.</p>
	Light Brown Apple Moth (<i>Epiphyas postvittana</i>)		<p>Apply up to two applications per season targeting pre-flowering infestations of light brown apple moth. Apply as part of a monitoring and spray program commencing 140 degree-days after light brown apple moth are detected in traps.</p> <p>Apply as a dilute (high volume) spray to the point of runoff, ensuring thorough coverage. If concentrate spraying, ensure suitable equipment is used to achieve coverage of foliage and fruit.</p> <p>Apply as a foliar application by airblast sprayer, boomspray or equivalent.</p> <p>Apply spray dilute to the point of run-off; use sufficient water to obtain thorough and uniform coverage.</p> <p>DO NOT apply more than 2 applications per season.</p> <p>DO NOT apply less than 14 days after the initial treatment.</p> <p>DO NOT apply more than 800 mL/ha per application.</p>

Attachment 1.

Crop	Pest	Rate	Critical Use Comments
Olives	Olive Lace Bug (<i>Froggattia olivinia</i>)	40 mL/100 L or 800 mL/ha	<p>Apply when crop monitoring indicates numbers exceed local pest thresholds.</p> <p>Apply as a foliar application by airblast sprayer, boomspray or equivalent.</p> <p>Apply spray dilute to the point of run-off; use sufficient water to obtain thorough and uniform coverage.</p> <p>DO NOT apply more than 2 applications per season.</p> <p>DO NOT apply less than 14 days after the initial treatment.</p> <p>DO NOT apply more than 800 mL/ha per application.</p>
	Scale Insects (Coccoidea)		<p>Apply when monitoring indicates the onset of crawler release.</p> <p>Do not target applications on populations that are well-established where mature adult insects dominate the population.</p> <p>Apply as a foliar application by airblast sprayer, boomspray or equivalent.</p> <p>Apply spray dilute to the point of run-off; use sufficient water to obtain thorough and uniform coverage.</p> <p>DO NOT apply more than 2 applications per season.</p> <p>DO NOT apply less than 14 days after the initial treatment.</p> <p>DO NOT apply more than 800 mL/ha per application.</p>