



**PERMIT TO ALLOW USE OF AN AGVET CHEMICAL PRODUCT IN
SPECIFIED VEGETABLE CROPS, PISTACHIO and CHERRIES**

PERMIT NUMBER –PER10058

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 any person to claim that the product can be used in the manner specified in this permit.

THIS PERMIT IS IN FORCE FROM 15 APRIL 2008 TO 30 APRIL 2010.

Permit Holder:

AGAWARE CONSULTING
21 Rosella Avenue
STRATHFIELDSAYE VIC 3551

Persons who can use the product under this permit:

Persons generally.

Directions for use: Apply in accordance with ALL the Details (Products, Directions for use, Critical use comments etc.) and Additional Conditions of the relevant Attachment;

ATTACHMENT 1: CUCUMBER, BRUSSEL SPROUTS, BROCCOLI, CAULIFLOWER, CABBAGES, BEANS, LETTUCE, PEPPERS (SWEET AND CHILLI) AND EGGPLANT.

ATTACHMENT 2: PISTACHIO

ATTACHMENT 3: PEAS

ATTACHMENT 4: CHERRIES

Issued by

Delegated Officer

ATTACHMENT 1:

CONDITIONS OF USE

**CUCUMBER, BRUSSEL SPROUTS, BROCCOLI, CAULIFLOWER,
CABBAGES, BEANS, LETTUCE,
PEPPERS (SWEET AND CHILLI) AND EGGPLANT**

Product to be used:

TALSTAR 100 EC INSECTICIDE/MITICIDE

PLUS OTHER REGISTERED PRODUCTS

Containing:100 g/L BIFENTHRIN as their only active constituent.

Directions for use:

RESTRAINT:

- DO NOT apply more than 2 applications per crop.

Crop	Pest	Rate	Critical Use Comments
CUCUMBERS (protected cropping situations only)	SILVERLEAF WHITEFLY (<i>Bemisia tabaci</i>) BIOTYPE B	60-80mL product per 100L (high volume) OR 600-800 mL product per hectare (low volume) plus wetter (at label rates)	<ul style="list-style-type: none"> • Apply only to adult whiteflies when numbers reach the spray threshold level. Contact the State Department of Primary Industries for further details, as threshold levels vary between crops. • Good spray coverage is essential. • Spray volumes (low volume) - cucurbits use a total spray volume of 2500L/ha, for all other crops use a total spray volume of 500-800 L/ha. • Allow a minimum retreatment interval of 7 days between sprays.
BRUSSEL SPROUTS, BROCCOLI, CAULIFLOWERS, CABBAGES (refer other information below), BEANS, LETTUCE, PEPPERS (sweet and chilli) AND EGGPLANT		60mL product per 100L (high volume) OR 600 mL product per hectare (low volume) plus wetter (at label rates)	
PEPPERS (SWEET & CHILLI) AND EGGPLANT.	TWO SPOTTED MITE (<i>Tetranychus urticae</i>) GREENHOUSE WHITEFLY (<i>Trialeurodes vaporariorum</i>)	40-60mL product per 100L water	<ul style="list-style-type: none"> • Apply before pest populations reach economic threshold levels. • Apply in a sufficient volume of water to penetrate the plant canopy and evenly cover the plant surface. • If conditions continue to favour mite development, a second application may be required 14 - 20 days later.

Directions for Use - continued over page.....

Precautions:

Precautions should be taken to minimise disturbance on the natural control system and predators such as the Silver Leaf Whitefly parasitoid wasp (*Eretmocerus*) where Integrated Pest Management (IPM) is not actively implemented, including:

- avoid spraying in the morning if bees and beneficial insects are active; and
- applying bifenthrin in the later stages of the crop development to allow predators and parasitoids to build-up and provide natural control.

Where IPM is actively implemented, bifenthrin is not suitable for use where mite or other insect predators or parasites are established and providing effective mite and other insect control.

Resistance Management:

Apply in accordance with the SLW Resistance Management Strategy. Contact the State Department of Primary Industries for details. To avoid resistance build up the product should be rotated with other approved insecticides from different chemical groups for Silverleaf Whitefly control.

State: ACT, NSW, QLD, SA, TAS, NT & WA.

(Note: Victoria is not included in this use pattern because their 'control-of-use' legislation means that a permit is not required to legalise this off-label use in VIC).

Withholding Periods:

BROCCOLI, BRUSSEL SPROUTS, CABBAGE, CAULIFLOWER AND LETTUCE: DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION.

BEANS: DO NOT HARVEST FOR 2 DAYS AFTER APPLICATION.

DO NOT GRAZE OR CUT TREATED BEAN CROPS OR STUBBLE FOR STOCKFEED.

CUCUMBERS: DO NOT HARVEST FOR 3 DAYS AFTER APPLICATION.

PEPPERS (SWEET AND CHILLI) AND EGGPLANT: DO NOT HARVEST FOR 1 DAY AFTER APPLICATION.

Other information:

NOTE: CABBAGES - This permit only allows for use on cabbage varieties that are classified in the Codex Classification of Foods, under Cabbages, Head. Those varieties being, Cabbage Head, Cabbage Green, Cabbage Red, Cabbage Oxhead, Cabbage Pointed, Cabbage White, Cabbage Yellow and Cabbage Savoy.

Export of treated produce. To allow produce from treated plants or animals to be supplied or otherwise made available for human consumption the APVMA has established the following Maximum Residue Limits (MRLs) for bifenthrin in:

- Common bean (pods/and or immature seeds) at T1.0 mg/kg
- Brassicas (cole or cabbage) vegetables, head cabbages, flowerhead brassicas at T1 mg/kg
- Lettuce (head & leaf) at T2 mg/kg
- Eggplant at T0.5 mg/kg
- Peppers at 0.5 mg/kg
- Cucumber at T0.3mg/kg

These limits apply only to produce marketed and consumed in Australia. Therefore if treated produce is to be exported due account should be taken of the residue definition and residue limits/import tolerances of importing countries and that any residues must not exceed those requirements of the importing country.

Additional Conditions:

THIS PERMIT provides for the use of a product in a manner other than specified on the approved label of the product. Unless otherwise stated in this permit, the use of the product must be in accordance with instructions on its label.

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.

ATTACHMENT 2:

CONDITIONS OF USE

PISTACHIO

Product to be used:

TALSTAR 100 EC INSECTICIDE/MITICIDE

PLUS OTHER REGISTERED PRODUCTS

Containing:100 g/L BIFENTHRIN as their only active constituent.

Directions for use:

RESTRAINTS:

- DO NOT apply more than 2 applications per crop.

Crop	Pest	Rate	Critical Use Comments
PISTACHIO (<i>Pistachia vera</i>) NON-FRUIT BEARING TREES ONLY	FLEA BEETLE (<i>Galerucinae chrysomelidae</i>)	Apply a maximum of 50 mL product per 100L water	<ul style="list-style-type: none">• Allow a minimum retreatment interval of 10 days between sprays.

State: ACT, NSW, QLD, SA, TAS, NT & WA.

(Note: Victoria is not included in this use pattern because their 'control-of-use' legislation means that a permit is not required to legalise this off-label use in VIC).

Additional Conditions (all uses in this permit):

THIS PERMIT provides for the use of a product in a manner other than specified on the approved label of the product. Unless otherwise stated in this permit, the use of the product must be in accordance with instructions on its label.

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ATTACHMENT 3:**CONDITIONS OF USE****PEAS****Product to be used:**

TALSTAR 100 EC INSECTICIDE/MITICIDE
PLUS OTHER REGISTERED PRODUCTS

Containing:100 g/L BIFENTHRIN as their only active constituent.

Directions for use:**RESTRAINTS:**

- DO NOT apply more than 2 applications per crop.

Crop	Pest	Rate	Critical Use Comments
PEAS (fresh and processing)	RED-LEGGED EARTH MITE (<i>Halotydeus destructor</i>)	50-100 mL/ha (5-10 g a.i./ha)	<ul style="list-style-type: none"> • Apply as a broadcast ground rig application in a total water volume of 50-200L/ha; • Apply to bare soil after conventional cultivation and sowing; • Treat infested paddocks after sowing and before or soon after seedling emergence; • For redlegged earth mite use the higher rate on heavier infestations and for longer residual protection; • Where possible use in rotation with other chemicals approved for this purpose.
	BLUE OAT MITE (<i>Penthaleus major</i>)	100 mL/ha (10 g a.i./ha)	

State: ACT, NSW, QLD, SA, TAS, NT & WA.

(Note: Victoria is not included in this permit because their 'control-of-use' legislation means that a permit is not required to legalise this off-label use in VIC).

Withholding Periods:

DO NOT HARVEST FOR 1 DAY AFTER APPLICATION.

Other information:

Export of treated produce. To allow produce from treated plants or animals to be supplied or otherwise made available for human consumption the APVMA has established a Maximum Residue Limits (MRLs) for bifenthrin in peas at *0.01mg/kg. This limit applies only to produce marketed and consumed in Australia. Therefore if treated produce is to be exported due account should be taken of the residue definition and residue limits/import tolerances of importing countries and that any residues must not exceed those requirements of the importing country.

Additional Conditions:

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ATTACHMENT 4:**CONDITIONS OF USE****CHERRIES****Product to be used:**

TALSTAR 100 EC INSECTICIDE/MITICIDE
PLUS OTHER REGISTERED PRODUCTS

Containing:100 g/L BIFENTHRIN as their only active constituent.

Directions for use:**RESTRAINTS:**

- DO NOT apply more than 2 applications per season.

Crop	Pest	Rate	Critical Use Comments
CHERRIES	CARPOPHILUS BEETLE (<i>Carpophilus</i> spp.)	Dilute spray; Apply 50 mL product per 100L water. Concentrate spray; Refer to mixing / application section of product label.	<ul style="list-style-type: none"> • Concentrate spraying: DO NOT use at rates greater than 100 mL product per 100L water. • Allow a minimum retreatment interval of 10 days between sprays. • Apply in accordance with label directions (i.e. critical comments) as outlined for existing stone fruits (peaches, nectarines, plums and apricots).
<p>State: ACT, NSW, QLD, SA, TAS, NT & WA. (Note: Victoria is not included in this permit because their 'control-of-use' legislation means that a permit is not required to legalise this off-label use in VIC).</p>			
<p>Withholding Periods: DO NOT HARVEST FOR 1 DAY AFTER APPLICATION.</p>			
<p>Other information: Export of treated produce: To allow produce from treated plants or animals to be supplied or otherwise made available for human or animal consumption the APVMA has established a temporary maximum residue limit (TMRL) for bifenthrin in Cherries at T1 mg/kg. This limit applies only to produce marketed and consumed in Australia. Therefore if treated produce is to be exported due account should be taken of the residue definition and residue limits/import tolerances of importing countries and that any residues must not exceed those requirements of the importing country.</p>			

Additional Conditions (all uses in this permit):

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