



Product Name: VERSYS INSECTICIDE
APVMA Approval No: 82738 / 120755

Label Name:	VERSYS INSECTICIDE
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Signal Headings:	READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	100 g/L AFIDOPYROPEN
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Mode of Action:	<table border="1"><tr><td>GROUP</td><td>9D</td><td>INSECTICIDE</td></tr></table>	GROUP	9D	INSECTICIDE
GROUP	9D	INSECTICIDE		

Statement of Claims:	For the control of Green peach aphid (<i>Myzus persicae</i>), Cabbage aphid (<i>Brevicoryne brassicae</i>), Currant lettuce aphid (<i>Nasonovia ribis-nigri</i>), Cotton aphid / Melon aphid (<i>Aphis gossypii</i>) and suppression of silverleaf whitefly (<i>Bemisia tabaci</i> Biotype B) in certain vegetable crops, cotton and ornamentals.
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Net Contents:	10L 1L 5L
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Restrains:	This section contains file attachment.
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Directions for Use:	This section contains file attachment.
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Other Limitations:	
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Withholding Periods:	Brassica vegetables, celery, cucurbits, fruiting vegetables (other than cucurbits), leafy vegetables (including brassica leafy vegetables), parsley: DO NOT harvest for 1 day after application.
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Cotton, ginger, potato, sweet potato: DO NOT harvest for 7 days after application.

Trade Advice:

Export of treated commodities

Growers should note that Maximum Residue Limits (MRLs) or import tolerances do not exist in all markets for labeled crops treated with VERSYS Insecticide. Additionally, some export markets have established MRLs different to those in Australia. If you are growing crops for export, please check with BASF Australia Ltd for the latest information on MRLs and import tolerances BEFORE using this product.

General Instructions:

GENERAL INSTRUCTIONS

VERSYS Insecticide is an insecticide which acts by inhibiting behaviour in target insects. This disrupts insect orientation and the ability to feed, resulting in death. As a result, VERSYS Insecticide will only provide slow knockdown, although cessation of feeding will occur within hours of application. Monitor crops and apply VERSYS Insecticide as threshold levels are reached. VERSYS Insecticide has low toxicity to beneficial insects and is suitable for use in Integrated Pest Management programs.

APPLICATION

To be effective, thorough crop coverage is required. Apply in a minimum of 200L water/ha. Adjust water volumes according to the crop growth stage to ensure thorough coverage. Always mix with Hasten Spray Adjuvant at 0.2% v/v when applying for control of silverleaf whitefly.

Instructions for Ground Application

These instructions inform those using this chemical product how to lawfully comply with the requirement of a COARSE or larger spray droplet size category for spray application.

Spray droplet size categories are defined in the ASAE S572 Standard (newer name may also be shown as ASABE) or the BCPC guideline. Nozzle manufacturers may refer to one or both of these documents, to identify droplet size categories; however, for a nozzle to comply with this requirement, the manufacturer must refer to at least one.

Complying with the label requirement to use a specific droplet size category means using the correct nozzle that will deliver that droplet size category under the spray operation conditions being used. The APVMA has approved only the following specific methods for choosing the correct nozzle. Use one of the methods specified in these instructions to select a correct nozzle to deliver a COARSE or larger droplet size category.

USE ONLY nozzles that the nozzles' manufacturer has rated to deliver a COARSE, a VERY COARSE or an EXTREMELY COARSE droplet size category, as referenced in ASAE S572 or BCPC. Choose a nozzle that is specified to provide the droplet size category required in the label Spray Drift Restraints.

DO NOT use a higher spray system pressure than the maximum the manufacturer specifies for the selected nozzle to deliver the droplet size category required in the label Spray Drift Restraint.

IPM compatibility

VERSYS Insecticide has low toxicity to insect predators and is suitable for use where IPM is practiced.

COMPATIBILITY

Versys Insecticide has been tested and is compatible with the following adjuvants; Hasten Spray Adjuvant, Agral Spray Adjuvant and Agridex Non-ionic Surfactant.

Resistance Warning:

INSECTICIDE RESISTANCE WARNING

	<p>GROUP 9D INSECTICIDE</p> <p>For insecticide resistance management VERSYS is a Group 9D insecticide. Some naturally-occurring insect biotypes resistant to VERSYS and other Group 9D insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if VERSYS or other Group 9D insecticides are used repeatedly. The effectiveness of VERSYS on resistant individuals could be significantly reduced. Since occurrence of resistant insects is difficult to detect prior to use, BASF Australia Ltd accepts no liability for any losses that may result from the failure of VERSYS to control resistant insects. VERSYS may be subject to specific resistance management strategies. For further information contact your local supplier, BASF Australia Ltd representative or local agricultural department agronomist.</p>
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Precautions:	<p>RE-ENTRY PERIOD</p> <p>Do not re-enter treated crops until spray has dried</p>
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Protections:	<p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT</p> <p>Very Toxic to aquatic life. DO NOT contaminate wetlands or watercourses with product or used containers.</p> <p>PROTECTION OF HONEY BEES AND OTHER POLLINATORS</p> <p>DO NOT apply while bees are actively foraging. Risk to bees is reduced by spraying in early morning and late evening when bees are not foraging.</p>
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Storage and Disposal:	<p>STORAGE AND DISPOSAL</p> <p>Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Triple rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. DO NOT burn empty containers or product.</p>
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Safety Directions:	<p>SAFETY DIRECTIONS</p> <p>Harmful if inhaled. Will irritate the eyes and skin. Avoid inhaling vapour or spray mist. Avoid contact with eyes and skin. When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist, a washable hat and elbow-length PVC gloves. If product on skin, immediately wash area with soap and water. Wash hands after use. After each day's use wash gloves and contaminated clothing.</p>
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First Aid Instructions:	<p>FIRST AID</p> <p>If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766.</p>
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First Aid Warnings:	
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RESTRAINTS

DO NOT apply by aircraft.

DO NOT apply more than a total of 900mL/ha in any one crop.

DO NOT feed cotton fodder, stubble or trash to livestock.

DO NOT use on food crops grown in protected cropping situations.

SPRAY DRIFT RESTRAINTS

DO NOT apply with spray droplets smaller than a COARSE spray droplet size category according to 'APVMA compliance instructions for mandatory COARSE or larger droplet size categories' located under this title in the GENERAL INSTRUCTIONS section of this label.

DO NOT apply when wind speed is less than 3 or more than 20 kilometres per hour, as measured at the application site.

DO NOT apply during surface temperature inversion conditions at the application site.

Users of this product MUST make an accurate written record of the details of each spray application within 24 hours following application, and must KEEP this record for at least 2 years. The spray application details that must be recorded are:

1) date with start and finish times of application; 2) location address and paddock(s) sprayed; 3) full name of this product; 4) amount of product used per hectare and number of hectares applied to; 5) crop or situation and weed or pest; 6) wind speed and direction during application; 7) air temperature and relative humidity during application; 8) nozzle brand, type, spray angle, nozzle capacity and spray system pressure measured during application; 9) name and address of person applying this product. (Additional record details may be required by the state or territory where this product is used.)

MANDATORY NO-SPRAY ZONES

DO NOT apply if there are aquatic or wetland areas including aquacultural ponds, surface streams and rivers downwind from the application area and within the mandatory no-spray zones shown in the table below:

Table 1 – No-spray zones for protection of the aquatic environment	
	Downwind Mandatory No-Spray Zone
For ground application	
From 3 to 20 kilometres per hour	250 metres

CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Brassica vegetables (including broccoli, broccolini, Brussels sprouts, cabbage, cauliflower, kohlrabi) Celery Cucurbits Fruiting vegetables, excluding cucurbits (capsicum, chilli, eggplant, okra, tomato)	Green peach aphid (<i>Myzus persicae</i>) Cabbage aphid (<i>Brevicoryne brassicae</i>) Currant lettuce aphid (<i>Nasonovia ribis-nigri</i>) Cotton aphid / Melon aphid (<i>Aphis gossypii</i>)	100mL/ha	1 day	Versys Insecticide disrupts insect behaviour and feeding and will provide slow knockdown. Monitor crops and commence applications as local threshold levels are reached. Versys Insecticide will provide residual control of aphids out to 21 days. Continue to monitor crops and make subsequent applications after 14 days where necessary. Apply a maximum of 2 sprays before rotating to an alternative insecticide for aphid control. Do Not apply more than 4 applications per crop. If using for whitefly control, do not apply more than 2 additional applications at the 100mL/ha rate for aphids. Apply in sufficient water to ensure thorough coverage of the target crop. Addition of an adjuvant may aid in speed of knockdown and the overall control. For suitable adjuvants refer to the Adjuvant section in Compatibility.
Leafy vegetables and Brassica Leafy Vegetables including chard (silver beet), cress spinach, lettuce (head and leafy), bok choy, Chinese cabbage, choy sum, gai lan, kale, leafy mustard, pak choy, rocquette Parsley	Suppression of – Silverleaf whitefly (<i>Bemisia tabaci</i> Biotype B)	350mL/ha + 0.2% v/v Hasten		When local thresholds are reached, apply a single spray before rotating to an alternative insecticide for white fly control. Do not apply more than 2 applications for whitefly control in any one crop. If using for whitefly control, do not apply more than 2 additional applications at the 100mL/ha rate for aphids. Versys Insecticide will provide suppression of both adult and nymph stages of whitefly, however it is recommended to target the nymph stage as better activity is seen against nymphs. A general decline in population will occur over time as nymph numbers are suppressed.
Cotton potato, sweet potato, ginger	Green peach aphid (<i>Myzus persicae</i>) Cabbage aphid (<i>Brevicoryne brassicae</i>) Currant lettuce aphid (<i>Nasonovia ribis-nigri</i>) Cotton aphid / Melon aphid (<i>Aphis gossypii</i>)	100mL/ha	7 days	Versys Insecticide disrupts insect behaviour and feeding and will provide slow knockdown. Monitor crops and commence applications as local threshold levels are reached. Versys Insecticide will provide residual control of aphids out to 21 days. Continue to monitor crops and make subsequent applications after 14 days where necessary. Apply a maximum of 2 sprays before rotating to an alternative insecticide for aphid control.

CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Cotton potato, sweet potato, ginger (Cont)				Do Not apply more than 4 applications per crop. If using for whitefly control, do not apply more than 2 additional applications at the 100mL/ha rate. Apply in sufficient water to ensure thorough coverage of the target crop. Addition of an adjuvant may aid in speed of knockdown and the overall control. For suitable adjuvants refer to the Adjuvant section in Compatibility.
	Suppression of – Silverleaf whitefly (<i>Bemisia tabaci</i> Biotype B)	350mL/ha + 0.2% v/v Hasten		When local thresholds are reached, apply a single spray before rotating to an alternative insecticide for white fly control. Do not apply more than 2 applications for whitefly control in any one crop. If using for whitefly control, do not apply more than 2 additional applications at the 100mL/ha rate. Versys Insecticide will provide suppression of both adult and nymph stages of whitefly, however it is recommended to target the nymph stage as better activity is seen against nymphs. A general decline in population will occur over time as nymph numbers are suppressed.
Ornamentals (field and protected cropping situations)	Green peach aphid (<i>Myzus persicae</i>) Cabbage aphid (<i>Brevicoryne brassicae</i>) Currant lettuce aphid (<i>Nasonovia ribis-nigri</i>) Cotton aphid / Melon aphid (<i>Aphis gossypii</i>)	100mL/ha	-	Versys Insecticide disrupts insect behaviour and feeding and will provide slow knockdown. Monitor crops and commence applications as local threshold levels are reached. Versys Insecticide will provide residual control of aphids out to 21 days. Continue to monitor crops and make subsequent applications after 14 days where necessary. Apply a maximum of 2 sprays before rotating to an alternative insecticide for aphid control. Do Not apply more than 4 applications per crop. Apply in sufficient water to ensure thorough coverage of the target crop. Addition of an adjuvant may aid in speed of knockdown and the overall control. For suitable adjuvants refer to the Adjuvant section in Compatibility.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.