POISON

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

LIFT HERE

Ambush®

EC INSECTICIDE

ACTIVE CONSTITUENT: 500 g/L Permethrin (40:60)

SOLVENT: 426 g/L LIQUID HYDROCARBONS

GROUP 3A INSECTICIDE

For the control of certain insect pests on crops as per Directions for Use.

IMPORTANT: Read This Booklet Before Using This Product

Distributed by:
AgNova Technologies Pty Ltd
ABN 70 097 705 158
Suite 10/857 Doncaster Road,
Doncaster East, Vic. 3109 Australia
Phone (03) 9840 2333
www.agnova.com.au

In a transport emergency dial 000, Police or Fire Brigade.
For specialist advice in an emergency only, call 1800 033 111 (24 hours).

APVMA Approval No: 63975/50262

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Directions for Use

TREE AND VINE CROPS

Crop	Pest	States	Application Rate	Withholding Period	Critical Comments
			Ground Application		
Citrus Non-bearing trees only	Citrus Leaf Miner *(Phyllocnistis citrella)*	NSW & WA only	**Dilute Spraying:** 10 mL/100 L water **Concentrate Spraying:** Refer to the **Application Section**	–	During period of leaf flush, nursery plants should be sprayed every 21 days when evidence of active Citrus Leaf Miner infestation is present. A spray or dip should also be applied prior to dispatch of plants from nurseries which are located in areas where the Citrus Leaf Miner is known to occur. Sprays and dips should ensure thorough wetting of foliage. Apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods.

NON TREE AND VINE CROPS

Crop	Pest	States	Application Rate			Withholding Period	Critical Comments
			Ground Application/ha	Aerial/ha	High Volume		
Cabbages, Cauliflower, Brussels Sprouts, Broccoli	Cabbage Moth *(Plutella xylostella)* Cabbage White Butterfly *(Pieris rapae)*	All States	100 mL in 600 to 1000 L water plus 10 mL/100 L AGRAL®	–	10 mL/100 L spray to run off plus 10 mL/100 L AGRAL	2 days	Add AGRAL to the spray mixture. Apply AMBUSH at the first sign of infestation and then as pest population indicates.
	Cabbage Cluster Caterpillar *(Crocidolomia binotalis)* Cabbage Aphid* *(Brevicoryne brassicae)* Green Peach Aphid* *(Myzus persicae)* *Suppression only	Qld & WA only					
	Cluster Caterpillar *(Spodoptera litura)*		200 mL in 600 to 1000 L water plus 10 mL/100 L AGRAL	–	20 mL/100 L spray to run off plus 10 mL/100 L AGRAL		
Celery	Lucerne Leaf Roller *(Merophyas divulsana)*	WA only	–	–	50 mL/100 L	1 day	Apply every 7 days commencing 1 week after planting out up to within 2 days of harvest. Thorough application is essential. Use wetting agent.
Field Peas	*Helicoverpa punctigera*	Tas & WA only	150 to 250 mL in 200 to 500 L water	150 to 250 mL in 20 to 30 L water	–	2 days	Apply at flowering as pest populations indicate. Use higher rate when larvae larger than 1 cm are present.
Green Beans	Native Budworm *(Helicoverpa punctigera)*	All States	150 to 200 mL in 200 to 500 L water	150 to 200 mL in 20 to 30 L water	–	3 days	Apply from flowering as pest population indicates. Use higher rate when larvae larger than 1 cm are present.
	Tobacco Budworm *(Helicoverpa armigera)*	Qld, NSW, Vic, SA & WA only					
Green Peas	*Helicoverpa* spp.	NSW & WA only	150 to 250 mL in 200 to 500 L water	150 to 250 mL in 20 to 30 L water	–	3 days	Apply from flowering as pest populations indicate. Use higher rate when larvae larger than 1 cm are present.
Lettuce	Cluster Caterpillar *(Spodoptera litura)*	All States	10 to 20 mL in 100 L water	–	–	2 days	Apply as pest populations indicate. Use higher rate when larvae larger than 1 cm are present.
Linseed	*Helicoverpa punctigera*	Tas & WA only	200 to 300 mL in 30 to 100 L water	200 to 300 mL in 10 to 30 L water	–	7 days	Apply as pest populations indicate. Use higher rate when larvae larger than 1 cm are present.
Nurseries, Flowers & other ornamentals except Ferns	*Helicoverpa* spp. Light Brown Apple Moth *(Epiphyas postuittana)*	All States	100 to 200 mL in 1000 L water	–	10 to 20 mL/100 L spray to run off	–	Apply as pest populations indicate. Use higher rate when larvae larger than 1 cm are present. Note: AMBUSH may cause leaf burn on some species when more than one spray is used.
Potatoes	Potato Moth *(Phthorimaea operculella)*	All States	150 to 200 mL in 100 to 250 L water	150 to 200 mL in 30 to 100 L water	15 to 20 mL/100 L spray to run off	2 days	Treat infestation in early stages and then at 2 to 3 week intervals or as necessary. Use higher rate for dense canopy or if large larvae are present in vines.

Directions for Use *(continued)*

NON TREE AND VINE CROPS

Crop	Pest	States	Application Rate			Withholding Period	Critical Comments
			Ground Application/ha	Aerial/ha	High Volume		
Sweet Corn	*Helicoverpa* spp.	All States	100 to 200 mL in 200 to 450 L water	–	15 to 20 mL/100 L spray to run off	2 days	Spray at tassel emergence then at 3 to 7 day intervals as necessary.
		NSW, Vic, Tas, SA & WA only	–	250 mL in 20 to 30 L water	–		
		Qld only	–	200 mL in 20 to 30 L water	–		Spray at tassel emergence then at 3 to 4 day intervals as necessary.
Sugarcane	Common Armyworm *(Mythimna convecta)* Northern Armyworm *(Pseudaletia separata)* Sugarcane Armyworm *(Leucania loreymimima)* Sugarcane Looper *(Mocis frugalis)*	Qld, WA & NSW only	–	100 to 200 mL in 20 to 30 L water	–	–	Apply as pest population indicates. Use a higher rate if larvae larger than 1 cm are present.
Tobacco	Tobacco Budworm *(Helicoverpa armigera)* Native Budworm *(Helicoverpa punctigera)* Cluster Caterpillar *(Spodoptera litura)*	Qld, NSW, Vic & WA only	100 to 200 mL in 250 to 600 L water	–	10 to 20 mL/100 L spray to run off	2 days	Spray as indicated by crop checking. Usually a minimum interval is 7 days. Good spray coverage is essential. Use the higher rate when large larvae (more than 1 cm) are present.
Tomatoes	Tomato Grub *(Helicoverpa armigera)*	Qld, NSW, Vic, SA & WA only	100 to 200 mL in 500 to 1500 L water	–	15 to 20 mL/100 L spray to run off	2 days	Apply as pest populations indicate from flowering. Usually 7 to 14 day intervals are required between sprays, with higher rates and shorter intervals necessary for continuous high pest incidence.
	Native Budworm *(Helicoverpa punctigera)*	All States					
	Green Looper *(Chrysodexis* spp.*)* Potato Moth *(Phthorimaea operculella)*	Qld, NSW, SA & WA only					
Wheat, Oats & Barley	Common Armyworm *(Mythimna convecta)* Southern Armyworm Barley Grub *(Persectania ewingii)*	All States	100 to 200 mL in 30 to 100 L water	100 to 200 mL in 20 to 30 L water	–	3 days	Apply as pest populations indicate. Use higher rate if larvae larger than 1 cm are present.
	WA Webworm *(Hednota* spp.*)*	SA & WA only	50 mL in 30 to 100 L water	50 mL in 10 to 30 L water	–		Apply as pest populations indicate.
	Pink or Common Cutworm (*Agrotis* spp.)		25 mL in 30 to 100 L water	25 mL in 10 to 30 L water	–		

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

WITHHOLDING PERIOD

DO NOT HARVEST THE FOLLOWING CROPS FOR THE NUMBER OF DAYS SHOWN AFTER APPLICATION:

1 Day **Celery**
2 Days **Cole crops, Field Peas, Lettuce, Potatoes, Sweet Corn, Tobacco, Tomatoes**
3 Days **Green Peas, Green Beans, Wheat, Oats, Barley**
7 Days **Linseed**

GENERAL INSTRUCTIONS

Mixing

Mixes readily with hard or soft water. Add the required amount of product to water while under agitation. Agitate while spraying.

Application

Dilute Spraying (Citrus only):

Use a sprayer designed to apply high volumes of water up to the point of run off and matched to the crop being sprayed. Set up and operate the sprayer to achieve even coverage throughout the crop canopy. Apply sufficient water to cover the crop to the point of run off. Avoid excessive run off. The required water volume may be determined by applying different test volumes, using different settings on the sprayer, from industry guidelines or expert advice. Add the amount of product specified in the Directions for Use table for each 100 L of water. Spray to the point of run off. The required dilute spray volume will change and the sprayer set up and operation may also need to be changed, as the crop grows.

Concentrate Spraying (Citrus only):

Use a sprayer designed and set up for concentrate spraying (that is a sprayer which applies water volumes less than those required to reach the point of run off) and matched to the crop being sprayed. Set up and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen water volume. Determine an appropriate dilute spray volume (See ***Dilute Spraying*** above) for the crop canopy. This is needed to calculate the concentrate mixing rate. The mixing rate for concentrate spraying can then be calculated in the following way:

Example Only:

1. Dilute spray volume as determined above: For example 1500 L/ha.
2. Your chosen concentrate spray volume: For example 500 L/ha.
3. The concentration factor in this example is: 3 X (ie 1500 L ÷ 500 L = 3)
4. If the dilute label rate is 10 mL/100 L, then the concentrate rate becomes 3 x 10, that is 30 mL/100 L of concentrate spray.

The chosen spray volume, amount of product per 100 L of water, and the sprayer set up and operation may need to be changed as the crop grows. For further information on concentrate spraying, users are advised to consult relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices.

Compatibility

This product may be combined in the spray vat with any one of the following products: AGRAL, Copper Oxychloride, Omite+ and Pirimor+. This product is not to be mixed with more than one of these products or with any other product.

Insecticide Resistance Warning GROUP 3A INSECTICIDE

For insecticide resistance management AMBUSH EC is a Group 3A insecticide.

Some naturally occurring insect biotypes resistant to AMBUSH and other Group 3A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if AMBUSH or other Group 3A insecticides are used repeatedly. The effectiveness of AMBUSH on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, AgNova Technologies Pty Ltd accepts no liability for any losses that may result from the failure of AMBUSH to control insects.

AMBUSH may be subject to specific resistance management strategies. For further information contact your local supplier, AgNova Technologies representative or local agricultural department agronomist.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT contaminate neighbouring crops or pastures with concentrate, spray or washings.

PROTECTION OF LIVESTOCK, WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to bees. Dangerous to fish. DO NOT spray on any plants in flower while bees are foraging. Never repack from this container. DO NOT contaminate fish ponds, dams, drains, rivers or streams with the chemical or the used container. DO NOT discharge waste liquid into waterways.

Spillages
Liquid spillages should be absorbed into pumice or vermiculite, NOT SAWDUST, and disposed of safely. Refer AVCARE Guidelines on Disposal of Spills. Contaminated area to be washed down, cold water washings to be prevented from entering any surface water drains. During decontamination, operators should wear overalls, rubber boots, face shields or goggles.

STORAGE AND DISPOSAL
Store in the closed, original container in a dry, cool, well ventilated area out of direct sunlight. Triple or preferably pressure 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 bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

SAFETY DIRECTIONS
Product is harmful if swallowed. Will irritate the eyes, nose, throat and skin. Avoid contact with eyes and skin. DO NOT inhale spray mist. When opening the container and preparing spray, wear:
• elbow-length PVC gloves; and
• face shield.
After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, face shield and contaminated clothing.

FIRST AID
If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131 126.
If swallowed, do NOT induce vomiting. Give a glass of water.

MATERIAL SAFETY DATA SHEET
If additional hazard information is required refer to the Material Safety Data Sheet. For a copy visit our website at www.agnova.com.au

MANUFACTURER'S WARRANTY AND EXCLUSION OF LIABILITY
AgNova Technologies Pty Ltd shall not be liable for any consequential or other loss or damage relating to the supply or subsequent handling or use of this product, unless such liability by law cannot be lawfully excluded or limited. All warranties, conditions or rights implied by statute or other law which may be lawfully excluded are so excluded. Where the liability of AgNova Technologies Pty Ltd for breach of any such statutory warranties and conditions cannot be lawfully excluded but may be limited to it re-supplying the product or an equivalent product or the cost of a product or an equivalent product, then the liability of AgNova Technologies Pty Ltd for any breach of such statutory warranty or condition is so limited.

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