

POISON

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



ACTIVE CONSTITUENT: 500 g/L CARBARYL
(an anticholinesterase compound)

GROUP 1A INSECTICIDE

For control of pests on fruit trees, vegetables, pastures and field crops,
and also for the control of some industrial and domestic pests as
specified in the Directions for Use Table.

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE.

Contents: 2.5 Litres
5 Litres
20 Litres

Nufarm Australia Limited
ACN 004 377 780
103-105 Pipe Road
Laverton North Victoria 3026
Tel: (03) 9282 1000
Fax: (03) 9282 1001



GENERAL INSTRUCTIONS

Before opening, carefully read Directions for Use, Protection Statements, Safety Directions and First Aid Instructions.

This product is a special shake and pour formulation. It contains no petroleum solvents.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in 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 container to recycler or designated collection point.

If not recycling, crush, puncture or bury empty containers in a local authority landfill. If no landfill is available, bury the container 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 poisonous if absorbed by skin contact or swallowed. Avoid contact with eyes and skin. Do not inhale spray mist. When preparing spray wear elbow length PVC gloves. If product on skin, immediately wash area with soap and water. 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.

FIRST AID

If poisoning occurs, contact a Doctor or Poisons Information Centre (Phone 13 11 26). If swallowed, give one atropine tablet every 5 minutes until dryness of the mouth occurs - if poisoned by skin absorption or through lungs, remove any contaminated clothing, wash skin thoroughly and give atropine tablets as above. Get to a doctor or hospital quickly.

MATERIAL SAFETY DATA SHEET

For further information refer to the Material Safety Data Sheet (MSDS).

CONDITIONS OF SALE


"Nufarm Australia Limited ('Nufarm') shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Nufarm's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Nufarm has any authority to add to or alter these conditions."

NRA Approval No: 32009/0603

In case of emergency: Phone 1800 033 498
Ask for shift supervisor. Toll free 24 hours.

Batch No:

Date of Manufacture:

CARBAMATE, PESTICIDES, LIQUID, TOXIC, N.O.S	
UN No: 2992	
PACKAGING GROUP: III	
HAZCHEM: 2 X	
IN AN EMERGENCY DIAL: 000 POLICE OR FIRE BRIGADE	IN AN EMERGENCY, SPECIALIST ADVICE NUFARM AUSTRALIA LIMITED 1800 033 498

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Nufarm
Flowable
Carbaryl 500
Insecticide

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(an anticholinesterase compound)

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DIRECTIONS FOR USE
1. TREE & VINE CROPS

Rate					
This table (Tree and Vine Crops) shows rates for dilute spraying. For concentrate spraying, refer to the Mixing/Application section					
Situation/Crop	Insects	State	Rate	WHP Days	Critical Comments
Fruit - General	Wingless grasshopper	Qld, Tas, SA, WA only	175 mL/100 L	3 Harvest	Spray infested area thoroughly as required.
Avocados	Redshouldered leaf beetle	Qld, NSW, NT, WA only	200 mL/100 L		Apply when infestation is first observed and repeat as swarms re-infest.
Citrus	White wax scale, Pink wax scale	NSW, Qld, WA only	140 mL plus 1 L Oil/100 L		Spray trees thoroughly in late November early December and again in late January and early February.
	White wax scale	Vic, Tas, SA, WA only	100 mL plus 1 L Oil/100 L		
	Orange fruit borer, Yellow peach moth, Light brown apple moth	NSW, Vic, SA, WA, Qld only	200 mL/100 L		Apply at first sign of pest activity and repeat at intervals of 2 weeks or as necessary.
	Spined citrus bug	Qld, NSW, Vic, WA, SA only	100 mL/100 L		
	Bronze orange bug	Qld, WA only			
	Citrus leafeating caterpillar, Fuller's rose weevil	NSW, Vic, Tas, SA, WA only	160-200 mL/100 L		Apply at first sign of pest activity and repeat as necessary. Use higher rate where high insect pressure occurs. Fuller's Rose Weevil; Spray lower parts of the trees and ground beneath.
Feijoa, Guavas	Orange fruitborer	Qld, WA only	200 mL/100 L		Apply as necessary.
Grapes	Light brown apple moth, Grape vine moth, Grape leaf blister mite, Grape vine hawk moth	All States	160-200 mL/100 L		Apply at first sign of pest activity and repeat at intervals of 2 weeks or as necessary. For cutworms spray around base of plants when attack first noticed. Use higher rate where high insect pressure occurs.
	Cutworm, Mealybug	Vic, Tas, SA, WA only			
Jaboticaba, Jackfruit	Swarming leaf beetle	Qld, WA only	200 mL/100 L	1 Harvest	Several applications may be needed. DO NOT apply during flowering.
Kiwi Fruit	Light brown apple moth	Vic, WA only	400 mL/100 L		Apply when pests appear and repeat as necessary. Apply as a high volume spray at 7 to 10 day intervals when pests present.
	Caterpillars	NSW, WA only	160 mL/100 L		
Loquats	Light brown apple moth	Qld, WA only	200 mL/100 L	3 Harvest	Apply at first sign of pests and repeat as required.
Lychees	Castor oil looper, Leafeating looper, Macadamia nutborer, Redshouldered leaf beetle, Swarming leaf beetle				

1. TREE & VINE CROPS (cont'd)

Situation/Crop	Insects	State	Rate	WHP Days	Critical Comments
Macadamias	Macadamia nutborer, Macadamia twig-girdler, Redshouldered leaf beetle	Qld, NSW, WA only	200 mL/ 100 L	-	Apply as a preventative spray after moths have been flighting.
	Cornelian (Butterfly), Macadamia cup moth, Macadamia nut moth, Yellow peach moth	Qld, WA only			
Mangoes	Fig leafhopper	Qld, NSW, WA only	200 mL/ 100 L	3 Harvest	Apply when large populations appear on fruit stalks. (October - November)
	Pink wax scale, Flatid planthoppers		140 mL/ 100 L		Apply in December.
	Common mango scale	Qld, WA only			
Pecans	Orange fruitborer, Yellow peach moth	Qld, NSW, WA only	200 mL/ 100 L		Apply to mature trees carrying nuts. Direct spray to clusters of nuts where pests build up.
Pome Fruit: Apples, Pears	Early fruit caterpillars (<i>Heliothis</i>)	NSW, Vic, Tas, SA, WA only	160- 200 mL/ 100 L		Apply at intervals of 3 weeks commencing with the emergence of the first adults in Spring, depending on the district. Where Light brown apple moth is important, start spraying at the calyx stage. Do not apply to apples within 4 weeks of full bloom if reduction in fruit set is to be avoided.
	Codling moth, Light brown apple moth, Pearleaf blister mite	All States	200 mL/ 100 L		
	Fruit Thinning		160- 200 mL/ 100 L		A careful appraisal of all factors likely to thin the crop should be made before spraying. If reduction in fruit set is desired apply between 7-28 days after full bloom. Do not apply to McIntosh and York apples before second cover spray. Do not apply in combination with summer oils on apples and pears as fruit spotting may occur. CAUTION: Above applications may cause russet to Delicious and Williams Favorite when applied before, during or after frost. Some leaf burn may occur on tender foliage if humidity is very high for several days after application. Residues can affect colouring of red varieties.
Pear	Pear and cherry slug	Qld, WA only	200 mL/ 100 L		Apply as pest populations indicate.
Rambutans	Castor oil looper, Redshouldered leaf beetle, Swarming leaf beetle	Qld, WA only	200 mL/ 100 L		Apply at first sign of pests and repeat as required.
Stone Fruit: Peaches, Apricots, Nectarines, Plums, Prunes	Light brown apple moth, Oriental fruit moth, Green tree hopper, Pear and cherry slug	All States	160- 200 mL/ 100 L		Apply at first sign of pests activity and repeat at intervals of 2 weeks or as necessary. Use higher rate where high insect pressure occurs.
	Redshouldered leaf beetle, Orange fruitborer	Qld, WA only			Apply as necessary. Spot spraying may be all that is required to control Redshouldered leaf beetle.
	Budworms (<i>Heliothis</i>)	NSW, Vic, SA, WA only			Apply at first sign of pest activity and repeat at intervals of 2 weeks or as necessary. Use higher rate for higher insect pressure.
	Green tree hopper, Pear and cherry slug	Qld, WA only			
	Fruit-tree borer	NSW, WA only	290 mL/ 100 L		Apply to areas of trunks and limbs showing damage by borer. Ensure that protective webbing and surrounding bark is saturated. Allow spray to enter larvae tunnel. Apply by coarse spray twice at 21 day intervals during winter.

1. TREE & VINE CROPS (cont'd)

Situation/Crop	Insects	State	Rate	WHP Days	Critical Comments
Stone Fruit: Peaches, Apricots, Nectarines, Plums, Prunes (cont'd)	European earwig	NSW, WA only	200 mL/ 100 L	3 Harvest	Apply when pests are present and repeat as necessary.
2. FRUIT & VEGETABLES					
Blueberries	Grasshopper	Qld, NT, WA only	200 mL/ 100 L	3 Harvest	Apply at first sign of pest activity and repeat at intervals of 2 weeks or as necessary.
Beans and Cucurbits	Budworm (<i>Heliothis</i>), Pumpkin beetle, 28-spotted ladybird	Qld, WA only	200 mL/100 L or 2 L/ha		Spray when infestation and pest activity is first observed and thereafter as necessary.
Cape Gooseberry	Threelined potato beetle	Qld, NT, WA only	200 mL/ 100 L		Apply at first sign of pest activity and repeat at intervals of 2 weeks or as necessary.
Capsicum	Beetles, Weevil	NSW, WA only	200 mL/ 100 L		Apply at first sign of pest activity and repeat as necessary.
Carrots	Vegetable weevil	Qld, WA only			
Cucurbits	Cucurbit stemborer				
Duboisia	Cluster caterpillar, Sandal-box hawk moth, Leafeating ladybird, Australian plague locust, Grasshopper	Qld, WA only			Apply as necessary.
Leafy and Root Vegetables	Vegetable weevil		300 mL/ 100 L		Apply at first sign of pest activity and repeat as necessary.
Potatoes	Potato moth	All States	200 mL/ 100 L or 2.2 L/ha		Apply in sufficient water to obtain good coverage, comencing at first sign of moth activity. One or two further sprays at 3-4 week intervals are usually required.
Raspberries	Grasshoppers, Light brown apple moth, Raspberry fruit caterpillar	Qld, WA only	200 mL/ 100 L		Apply at first sign of pests and repeat as required.
Strawberry	Grasshopper				
Vegetables - General	Tobacco leaf miner, Potato moth, Earwig, Green vegetable bug, Heliothis	NSW, Vic, Qld, WA, SA only	200mL/ 100L or 2.2L/ha	Apply when pests appear and repeat as necessary. NB. Tender foliage of watermelons may be injured when high humidity or rain prevails for several days.	
	Cabbage white butterfly, Rutherglen bug	All States			
	Cabbage moth, Armyworms	Vic, Tas, SA, WA only			
	Pumpkin beetle, Leaf eating lady bird, Cutworm (<i>Agrotis</i>)	Vic, Qld, SA, WA, NSW only			
	Native budworm	Qld only			
	Wingless grasshopper	Vic, Qld, Tas, SA, WA only	175 mL/ 100 L	Spray infested areas thoroughly as necessary.	
	Vegetable weevil	Qld, WA only	320 mL/ 100 L	Apply when pests appear.	

3. FIELD CROPS AND PASTURES

Situation/Crop	Insects	State	Rate	WHP Days	Critical Comments
Rosella	Leafeating beetle	Qld, WA only	200 mL/ 100 L	3 Harvest	Apply at first sign of pests and repeat as required.
Sweet Corn	Redshouldered leaf beetle		1.6-2 L/ha		
Tomatoes	Tomato leaf miner	All States	200 mL/ 100 L or 2.2 L/ha		Apply at first sign of attack and then as necessary. Spray to point of wetness.
	False wireworm	Qld, WA only			Adult: Apply after seedling establishment.
Cereals, Sorghum, Sunflower	Rutherglen Bug, <i>Heliothis spp.</i>	NSW, Vic, SA, WA, Qld only	200 mL/ 100 L or 2.2 L/ha	1 Grazing 3 Harvest	Apply at first sign of pest activity and repeat as necessary. For aerial application - apply in not less than 15-20 Litres water. (Do not apply by aircraft in NSW).
	Armyworm, Cutworm	All States	200 mL/ 100 L or 2.2 L/ha		
	Wingless grasshopper	Vic, WA only	160 mL/ 100 L		Spray infested areas thoroughly as required.
Qld, Vic, Tas, SA, WA only					
Cereals, Pasture and Pasture Seed Crops	Australian plague locust, Migratory locust, Yellow winged locust	Qld, WA only	1.2- 1.4 L/ha		Apply when pest appears and repeat as necessary. Use higher rate on adults.
Cotton	Rough bollworm	NSW, WA only	200 mL/ 100 L or 2.2 L/ha		Apply when pest appears and repeat at 7 to 14 day intervals as necessary. DO NOT use on cotton after 25% of bolls have opened.
Kenaf	Redshouldered leaf beetle	Qld only	2.2 L/ha		Apply as pest pressure indicates.
Linseed	<i>Heliothis spp.</i>	Qld, WA only	200 mL/ 100 L or 2.2 L/ha	Apply at first sign of pest activity and then as necessary.	
Lucerne	Lucerne leafroller	Qld, Vic, Tas, SA, WA only	1.8 L/ha	1 Grazing 3 Harvest	Apply at first sign of pest activity. At this rate of application control may be maintained for 10-14 days. If a longer period of control is required the rate of application should be increased to 2.2 L/ha.
		NSW only	1.7 L/ha		
	Sitona weevil	NSW, Vic, SA, WA only	2.2 L/ha		
	Leaf hopper and Budworm	NSW, Vic, SA, WA, Qld only	2.2 L/ha		
	Lucerne fleas	NSW, Vic, SA, WA only	500 mL/ha		
Pastures, Pasture Seed Crops	Grass caterpillar	Qld, WA only	1.1 L/ha		Apply when pest appears and repeat as necessary. DO NOT use excessively in areas where grass is germinating. Use higher rate on adult locusts.
	Pasture leafhopper		200 mL/ 100 L or 1.6 L/ha		
	Yellow winged locust, Migratory locust		1.2 or 1.4 L/ha		
	Australian plague locust	Qld, SA, WA only			
	Cutworms, Sitona weevil	Vic, WA only	2.2 L/ha		

3. FIELD CROPS AND PASTURES (cont'd)

Situation/Crop	Insects	State	Rate	WHP Days	Critical Comments
Pastures, Pasture Seed Crops (cont'd)	Pasture cockchafer (<i>Aphodius tasmaniae</i>)	Vic, SA, WA, Tas only	2.2 L/ha	1 Grazing 3 Harvest	Apply 4 weeks after opening rains.
	Armyworm, Budworm (<i>Heliothis</i>)	Vic, SA, WA only			
	Lucerne leafroller	SA only	1.8-2.2 L/ha		WARNING: Some cultivars of tropical pasture legumes may develop phytotoxic symptoms after use. Lucerne Flea: Apply 3-5 weeks after opening autumn rains and repeat as necessary.
		WA only	200 mL/100 L		
	Armyworm, Cutworm, Lucerne leafroller	Tas only			
	Armyworm, Lucerne leafroller, Sitona weevil	NSW only			
	Lucerne flea	NSW, Tas, WA only			
		Vic, SA only	500 mL/ha		
Rice	Brown planthopper	Qld, WA only	2.2 L/ha		Apply as pest populations indicate. Under heavy pressure, re-treatment after 14 days may be necessary. Phytotoxicity may occur if applied within 13 days before or after use of propanil. DO NOT apply before heading if propanil has been or will be applied.
Sorghum	Sorghum midge		160-200 mL/100 L or 1.8-2.2 L/ha		Make first application when 1 to 2 midges are present per head and when 90% heads emerged. Further applications at 4 day intervals may be required depending on crop potential. Aerial Application: Apply in not less than 15 to 20 L water.
	<i>Heliothis</i> (Budworm)				For aerial application apply in at least 15 to 20 L water.
Sunflower	Black sunflower scarab		1 L/ha		Apply to newly emerged plants when pest appears and repeat as necessary.

4. ORNAMENTALS

ORNAMENTALS

NOTE: Because of the wide range of ornamentals and their varieties and pests affecting them, phytotoxicity and efficacy of this product cannot be guaranteed, so it is recommended that a test is carried out on a small area before widespread use.

Ornamentals	Tobacco leaf miner, Potato moth, Earwig, Cabbage moth, Cabbage white butterfly, Rutherglen bug, Green vegetable bug, Leafeating ladybird, <i>Heliothis</i> , Pumpkin beetle, Cutworm	NSW, Vic, SA, WA, Qld only	200 mL/100 L or 2.2 L/ha	-	Apply when pests appear and repeat as necessary.
	Wingless grasshopper	Qld, Vic, SA, WA, TAS only	175 mL/100 L		Spray infested areas thoroughly as required.
	Beetles, Caterpillars, Chewing insects, Sucking insects	Qld, WA, only	200 mL/100 L		Apply when pests appear and repeat as necessary. The product may be used as often as necessary with predatory mites (<i>Phytoseiulus persimilis</i>)
	European earwig, <i>Heliothis</i> (Budworm)	WA, TAS only	160 - 200 mL/100 L		Apply when pests appear and repeat as necessary. Use the higher rate where high insect pressure occurs.

4. ORNAMENTALS (cont'd)

Situation/Crop	Insects	State	Rate	WHP Days	Critical Comments
Ornamentals	Cutworm, Leafroller moth, Looper	NSW, Vic, Tas, WA, only	160mL-200mL/100 L	-	Apply when pests appear and repeat as necessary. Use the higher rate where high insect pressure occurs.
		SA only	1.8-2.2 L/ha		
	White wax scale	Qld, WA only	150 mL plus 1 L Summer Spray Oil/100 L		Apply in late November to early December. An additional application in late January to early February may be required.
Roses	Cluster caterpillar, Light brown apple moth	NSW, WA only	200 mL/100 L		Apply at first sign of pest activity and then as necessary. Spray to point of wetness. Some plant damage may occur with close interval spraying.
Elm Trees	Elm leaf beetle <i>These treatments will not eradicate the pest but will protect the tree from serious defoliation.</i>	Vic, Tas only	Bark band treatment: 40 mL/L water		Using a hand pump sprayer or hydraulic sprayer apply a 50 cm wide band encircling the trunk, approx. 1.5 m above ground in mid-late December when mature (7-12 mm) larvae are first observed on leaves. On large trees the upper surface of large branches where they meet the trunk should also be sprayed. Repeat in 4-6 weeks if large numbers of beetles are found on the leaves. Larvae are exposed to the chemical when they crawl down the trunk to pupate.
			Foliar spray: 20 mL/10 L water		When large numbers of larvae threaten to defoliate trees apply as a foliar spray.

5. MISCELLANEOUS

Cereal Grain: Storage up to 3 months (except Malting Barley)	Lesser grain borer (<i>Rhyzopertha dominica</i>)	Vic, Qld, NSW, Tas, SA, WA only	10 mL/tonne of grain	* see below	Non aerated storages. Apply to raw cereal gain at rate recommended by means of standard grain spraying machinery following dilution to a concentration appropriate to the equipment on hand and the conditions pertaining. Appropriate adjustments are to be made for treatment of grain storages below 30°C or in aerated storages. DO NOT apply to barley for malting.
Cereal Grain: Storage from 3 months up to 9 months (except Malting Barley)			16 mL/tonne of grain		
Disinfestation of Grain Storage Buildings	Lesser grain borer (<i>Rhyzopertha dominica</i>)	Vic, Qld, NSW, Tas, SA, WA only	10 mL/L per 10 square metres		
Non-crop, Commercial and Industrial Areas, Right-of-Way	European earwig	All States	55 mL/10 L	-	Spray liberally on exterior walls of houses and outbuildings and boundary fences and breeding places such as wood piles and reserves. Respray after 4 weeks.
	Plague grasshopper	Qld, Vic, SA, WA, Tas only	1.1-1.4 L/100 L		For treatment of swarms by high volume ground equipment. Use sufficient volume of water to get a good coverage, usually between 220 and 1100 L to each hectare.
	Plague locust, Wingless grasshopper	SA only			
	Wingless grasshopper	Qld, WA only	160 mL/100 L		

5. MISCELLANEOUS (cont'd)

Situation/Crop	Pest/Insect	State	Rate	WHP Days	Critical Comments
Industrial Domestic pests:	Ants, Moths, Fleas, Weevils	Qld, Vic, Tas, SA, WA only	2.2 L/100 L	-	Spray thoroughly all surfaces to be treated. DO NOT use as a space spray.
	European earwig	All States			
General	Vespid wasp (English/European wasps)	Vic, SA, WA only	130-320 mL/L	-	Pour or squirt down the entrance to underground nests or spray semi-concealed nests.
	Honey bees in concealed hives		1.1 L/100 L		Spray into nests in the open and in enclosed cavities where the nest is close to the entrance used by the bees. Destroy the nest if applicable. DO NOT use honeycomb - destroy or bury it.
Pigs	Body louse	NSW, Vic, SA, WA only	50 mL/10 L	7 Slaughter	Spray pigs thoroughly to wetness. Repeat application 10-14 days later.
		Qld only	55 mL/10 L		
	Sarcoptic mange		100 mL/10 L		
Tobacco, Bulk, Shreds	Tobacco beetle, Ants, European earwig, Fleas, Moths, Weevils	Qld, NT, WA only	200 mL/10 L	-	Spray all surfaces. Apply 5 L of prepared spray per 100 square metres.

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

WA CEREAL STORAGE USE - FOR USE BY GRAIN HANDLING AUTHORITIES ONLY

WITHHOLDING PERIODS

Pastures, Lucerne, cereals, Sorghum, Sunflower, Maize, Cotton, Kenaf, Rice:

DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 1 DAY AFTER APPLICATION.

Fruit (except kiwi fruit) and Vegetables: DO NOT HARVEST FOR 3 DAYS AFTER APPLICATION.

Kiwi Fruit: DO NOT HARVEST FOR 1 DAY AFTER APPLICATION.

Cereals, Sorghum, Sunflower, Maize, Cotton, Kenaf, Linseed, Rice:

DO NOT HARVEST FOR 3 DAYS AFTER APPLICATION.

Pigs: DO NOT APPLY LATER THAN 7 DAYS BEFORE SLAUGHTER FOR HUMAN CONSUMPTION.

***CEREAL GRAIN TREATED WITH 16 ML OF THIS PREPARATION SHOULD BE HELD INSTORE AND NOT BE USED FOR PROCESSING FOR HUMAN CONSUMPTION OR FOR STOCK FOOD WITHIN 90 DAYS OF THE TREATMENT.**

GENERAL INSTRUCTIONS

Before opening, carefully read Directions for Use, Protection Statements, Safety Directions and First Aid Instructions.

This product is a special shake and pour formulation. It contains no petroleum solvents.

MIXING/APPLICATION

Shake well before use. Slowly add the required amount of this product to the water in the spray tank under agitation.

Dilute Spraying:

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 100L 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:

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 can then be calculated in the following way:

EXAMPLE ONLY

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

The chosen spray volume, amount of product per 100L 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 of the following formulated compounds - Copper-oxchloride, Maldison, Mancozeb, Parathion-methyl, Pirimicarb, Pirimiphos-methyl, Propargite, Surfactant, Thiram, Ziram.

A mixture of this product with more than one of these products or with any other product may be ineffective or may cause serious damage. The use of such a mixture is not recommended and would therefore be entirely at the user's risk. Do not apply in combination with summer oil on apples and pears. Combinations with Borax should be used immediately after preparation. Do not use with highly alkaline materials such as Bordeaux mixture or lime sulphur. Residues can affect colouring of red varieties. The efficacy of and plant tolerance to this product applied alone or in combination with compatible products may be affected by climatic conditions during and after application. This product or such combinations should not be applied during abnormally hot, cold and slow drying conditions. This product is compatible with Nufarm Fenitrothion 1000. Half fill the spray tank with water before adding the required amount of Flowable Carbaryl 500. While agitating this mixture add the balance of water followed by the recommended quantity of Fenitrothion 1000. Maintain agitation while spraying.

INSECTICIDE RESISTANCE WARNING

GROUP 1A INSECTICIDE

For insecticide resistance management Nufarm Flowable Carbaryl 500 Insecticide (Carbaryl 500) is a Group 1A insecticide. Some naturally occurring insect biotypes resistant to Carbaryl 500 and other Group 1A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Carbaryl 500 and other Group 1A insecticides are used repeatedly. The effectiveness of Carbaryl 500 on resistant individuals could be significantly reduced. Since the occurrence of resistant individuals is difficult to detect prior to use, Nufarm Australia Limited accepts no liability for any losses that may result from the failure of Carbaryl 500 to control resistant insects. Carbaryl 500 may be subject to specific resistance management strategies. For further information contact your local supplier, Nufarm representative or local agricultural department agronomist.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.

PROTECTION OF LIVESTOCK

Dangerous to bees. DO NOT spray any plants in flower while bees are foraging.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in 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 container to recycler or designated collection point. If not recycling, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the container 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 poisonous if absorbed by skin contact or swallowed. Avoid contact with eyes and skin. Do not inhale spray mist. When preparing spray wear elbow length PVC gloves. If product on skin, immediately wash area with soap and water. 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.

FIRST AID

If poisoning occurs, contact a Doctor or Poisons Information Centre (Phone 13 11 26). If swallowed, give one atropine tablet every 5 minutes until dryness of the mouth occurs - if poisoned by skin absorption or through lungs, remove any contaminated clothing, wash skin thoroughly and give atropine tablets as above. Get to a doctor or hospital quickly.

MATERIAL SAFETY DATA SHEET

For further information refer to the Material Safety Data Sheet (MSDS).

CONDITIONS OF SALE

"Nufarm Australia Limited ('Nufarm') shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Nufarm's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Nufarm has any authority to add to or alter these conditions."

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In case of emergency: Phone 1800 033 498

Ask for shift supervisor. Toll free 24 hours.