

POISON

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

Farmoz

Diazol[®] 800

INSECTICIDE

ACTIVE CONSTITUENT: 800 g/L DIAZINON
(an anti-cholinesterase compound)

GROUP 1B INSECTICIDE

For the control of many insect pests in fruit and vegetable crops, field crops, turf and various domestic, commercial and industrial areas as specified in the Directions for Use table.

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DIRECTIONS FOR USE VEGETABLES

CROP	PEST	STATE	RATE			CRITICAL COMMENTS
			VOL/HA	VOL/100 L	PER 15 L KNAPSACK	
Beans	Bean Fly	ACT, NSW, Qld, Vic, WA only	150 mL	30 mL	–	Spray thoroughly 3, 7 and 14 days after first plants emerge. Further weekly sprays may be necessary in heavy attacks.
	Bean Caterpillar		700 mL	–	–	Spray when necessary. Some control of aphids will be achieved.
	Blossom Thrips	ACT, NSW, Qld, SA, Vic, WA only	350 mL	30 mL	–	Spray when crops are flowering and thrips are in damaging numbers. Repeat as necessary.
	Seed Maggot	ACT, NSW, SA, Vic, WA only	3 to 5 L	–	–	Spray soil before sowing and work into a depth of 5 to 8 cm.
Cabbage, Cauliflower, Broccoli, Brussels sprouts, Kale and Kohlrabi	Cabbage White Butterfly, Centre Grub, Cluster Caterpillar, Cabbage Aphid, Green Peach Aphid	Qld only	700 mL	140 mL	30 mL	Spray to run off with a good coverage. Apply at 10 to 14 day intervals.
	Cabbage White Butterfly, Cabbage Moth	ACT, NSW, SA, WA only	700 mL to 1.4 L	140 mL	30 mL	Spray to run-off with a good coverage. Apply at 10 to 14 day intervals. Vary boom spray rate according to plant size. Some control of ahpids will be achieved.
	Cabbage Ahpid, Cabbage White Butterfly	SA, WA, Vic only				
	Looper	ACT, NSW, Qld, SA, Vic, WA only	700 mL	65 mL	15 mL	Spray to run-off with a good coverage. Apply at 10 to 14 day intervals.

VEGETABLES – continued

CROP	PEST	STATE	RATE			CRITICAL COMMENTS
			VOL/HA	VOL/100 L	PER 15 L KNAPSACK	
Beetroot, Silverbeet, Globe Artichoke	Webworm	ACT, NSW, Qld, SA, Vic, WA only	700 mL	–	–	Spray as necessary. Use 1 litre per hectare for advanced crops. Some control of aphids will be achieved.
Cucurbits	Thrips		350 mL	30 mL	5 mL	Spray when crops are flowering and thrips are in damaging numbers. Repeat as necessary.
Onions, Garlic	Onion Thrips		700 mL	65 mL	–	Spray when thrips are in damaging numbers. Repeat every 10 days as necessary.
Onions	Onion Seedling Maggot	ACT, NSW, SA, Vic, WA only	700 mL	65 mL	–	Spray foliage when flies appear, usually as plants emerge. Respray every 10 days if necessary.
	Onion Maggot, Wireworm		3 to 5 L	–	–	Spray soil before sowing and harrow to depth of 5 to 8 cm or irrigate immediately after application.
Potatoes	Potato Moth	SA, Tas, WA only	1 L	–	–	Spray immediately when “blister” stage is noticed. In SA follow up every 14 days as required. Apply at least 170 L of water/ha.
Tomatoes	Thrips	Qld, SA, Vic, WA only	350 mL	30 mL	5 mL	Spray from the seedling stage and repeat application at 7-14 day intervals as long as thrips are present. Effective thrip control is necessary to prevent Spotted Wilt Virus infection.
	Wireworms	ACT, NSW only	700 mL to 1.4 L	–	–	Spray soil either before sowing or transplanting and harrow to a depth of 50-80 mm or irrigate immediately after application.
	Cutworms	ACT, NSW, Qld, SA, Vic, WA only		Spray as necessary. Vary rate according to plant size. Some control of aphids and thrips will be achieved.		
Capsicum, Eggplant	Cutworms	ACT, NSW, Qld, SA, Vic, WA only	700 mL to 1.4 L	–	–	
Mushrooms	Mushroom Pests	All States	AT SPAWNING: 140 mL in 10 L water/ 1 tonne of moist compost. AFTER CASING: 30 mL in 10 L water/ tonne of moist compost.	–	–	Mix thoroughly with compost at spawning. Spray over top of casing soil immediately after casing.
Sundry vegetables (Cantaloupes, Carrots, Celery, Chokos, Cucumbers, Gherkins, Lettuce, Marrow, Pumpkin, Parsnips, Peas, Squash, Watermelons, Rhubarb, Sweet Corn)	Caterpillars, Cutworms	ACT, NSW, Qld, SA, Vic, WA only	700 mL to 1.4 L			Spray as necessary. Vary rate according to plant size. Some control of aphids and thrips will be achieved.

PASTURES, CEREALS, SORGHUM, SUNDRY CROPS

CROP/PASTURE	PEST	STATE	RATE PER HECTARE DILUTED IN WATER. BOOM SPRAY AIRCRAFT, MISTER	CRITICAL COMMENTS
Lucerne	Lucerne Jassid	Qld, WA only	350 mL	Spray with good coverage when pests are active.
	Spotted Alfalfa Aphid	VIC, WA only	700 mL	Spray when there are 20 to 40 aphids/stem on maure plants or 1 to 2 aphids per stem on seedlings
		ACT, NSW, WA only	500 mL	Spray as soon as practical following cutting and repeat as necessary.

PASTURES, CEREALS, SORGHUM, SUNDRY CROPS – continued

CROP/PASTURE	PEST	STATE	RATE PER HECTARE DILUTED IN WATER. BOOM SPRAY AIRCRAFT, MISTER	CRITICAL COMMENTS
Pastures	Pasture Webworm	Qld, WA only	700 mL	Spray as soon as damage is noticed – July/November. Spray late in the day. Good coverage at ground level is important. Grazing or mowing assists.
Pastures, Cereals (incl. Maize, Sorghum), Oil Seed crops (inc. Cotton), Soybeans, Sugar Cane	Australian Plague Locusts	ACT, NSW, Qld, SA, Vic, WA only	700 mL	Spray directly onto hopper bands and flying swarms.
	Spur-throated Locust, Migratory Locusts	ACT, NSW, Qld, WA only	700 to 850 mL	Spray swarms in early morning or late evening when pests are resting. Use higher rates in dense crops or if locusts are adults.
Cereal Crops, Pastures	Armyworm, Cutworm	All States	1 L	Spray when pest are first noticed and repeat in 10 days if necessary. Minimum application volumes per hectare – by boom spray 110 L, by air or mister spray 22 L.
Sorghum, Pastures	Grasshoppers	Tas, Vic, WA only	1 to 1.4 L	Spray swarms in early morning or late evening when pests are resting.
Sorghum	Sorghum Midge	Qld, WA only	350 mL	Spray from 90% sorghum head emergence to advanced flowering stage at 4 day intervals or as necessary, depending on pest numbers and crop potential. In NSW use the lower rate for light infestations. Use the higher rate if infestations are heavy or where reinfestation is likely to occur quickly.
		ACT, NSW, WA only	350 to 700 mL	
Cotton	Cotton Flea Beetle, Red Shouldered Beetle	ACT, NSW only	350 to 500 mL	Spray when insects are present
Chou Moellier, Canola, Turnips	Cabbage Moth, Cabbage White Butterfly	SA, Vic, WA only	700 mL	Spray as necessary. DO NOT spray when bees are foraging.
Rice	Brown Plant Hopper	Qld, WA only	350 mL	Spray when pests are active. For aerial applications use at least 50 litres of spray per hectare.
	Bloodworm	ACT, NSW, WA only	75 to 150 mL	Spray first at or within 24 hours of sowing by aircraft or ground application equipment to flooded bays. When the water depth is 150 mm or less use the 75 mL per hectare rate. When water depth is between 150 mL and 300 mL or when high levels of recently incorporated organic matter are present use 150 mL per hectare rate. Apply further treatments as required until plants are established with satisfactory secondary root developments.
Pastures, Lawns, around trees	Argentine Ants	WA only	High volume: 600 mL/100 L of water. Use at least 1 litre of spray per 10 square metres. Spray lawns on a grid pattern of 1 metre squares.	Thoroughly spray ants nests and infected areas. Apply coarse spray to pests and all trees alongside foundation walls, fences, paths and garden beds.
Nursery plants	Aphids, Thrips, Mealy Bugs, Scale Insects, Plant Bugs, Beetles	ACT, NSW, Vic, WA only	Dipping mixture: 60 mL per 100 L	Thoroughly drench plant material with the dipping mixture. Treatment can be used for plants being transported from NSW into Victoria.
Ornamentals – Potted Plants	Fungus Gnats	Qld only	2 mL per 10 L water	Apply as a drench. If problem persists, reduce watering or repot plants using less organic matter. Treat a few plants first to test for phytotoxicity.

PLANTATION AND ORCHARD CROPS

CROP	PEST	STATE	RATE HIGH VOLUME PER 100 L WATER	CRITICAL COMMENTS
Apples, Pears (Dormant)	San Jose Scale	ACT, NSW, SA, Vic, WA only	65 mL	Add 3 L winter oil per 100 L of spray. Spray thoroughly 2 weeks before green tip.
Apples, Pears		Vic, WA only		Add 1.2 L of summer oil per 100 L of spray. Spray at petal fall, in early Dec. and again in mid Jan. if scale is serious. Also apply in Autumn if scale is evident in the harvested crop.
Apples	San Jose Scale, Woolly Aphid	ACT, NSW, SA, WA only	65 mL	Spray at petal fall, in early Dec. and again in mid Jan. if scale is serious. These applications will keep Woolly Aphids in check during the period they are applied. This product will not adversely affect populations of predatory <i>Typhlodolus occidentalis</i> and <i>Typhlodromus pyri</i> .
	Greedy Scale	WA only		Add 1.2 L of summer oil per 100 L of spray. Apply in Autumn if scale or aphids are evident in harvested crop.
				Add 3 L of oil per 100 L of spray. Spray when buds are swelling.
				Spray as required November to March.

PLANTATION AND ORCHARD CROPS – continued

CROP	PEST	STATE	RATE		CRITICAL COMMENTS
			HIGH VOLUME	PER 100 L WATER	
Bananas	Banana Beetle Borer	ACT, NSW, WA only	125 mL		Spray in spring and again in late summer when adult beetles are present. Apply 600 mL of mixture to base of each plant.
	Banana Rust Thrip	Qld, WA only	50 mL		Ensure good coverage of fingers and penetration inside bunch. Apply as required when the bunch is fully emerged until bracts have fallen. Apply every 14 days between November and March in North Queensland when Rust Thrips are most active.
Blueberries	Scale Insects	ACT, NSW, WA only	70 mL		Spray in late afternoon after bees have finished foraging.
Citrus	Spined Citrus Bug	ACT, NSW, WA only	65 mL		Add 1 L of Winter Oil/100 L spray. Thoroughly wet bugs. DO NOT spray when fruit is less than 2.5 cm diameter to avoid blemish.
	Citrus Leaf Miner	ACT, NSW, Qld, WA only			Spray young growth every 10 days when pests are active.
	Grasshoppers	Qld, WA only			Spray when necessary.
Cumquats, Trifoliolate Orange	Citrus Leaf Miner	ACT, NSW only	65 mL		Check susceptible growth flushes mainly in late Summer-Autumn period. Apply thoroughly to the underside of infested leaves. Two sprays are normally required at 10 to 14 day intervals or a higher number of applications may be required in nursery situations.
Grape Vines	Mealy Bug	Vic, SA, WA only	30 mL		Spray during late Nov. to early Dec. For late table grapes, spray early Nov., again late Dec. and followup if necessary. Thorough coverage is essential.
	Australian Plague Locusts	WA only	65 mL		Spray thoroughly as necessary.
Hops	Common and Southern Army Worms	Vic, WA only	65 mL		Spray when pests are first noticed. Repeat in 10 days if necessary.
Kiwifruit	Leatania Scale, Greedy Scale	ACT, NSW, WA only	70 mL		Apply when the crawlers are leaving the parent scale. A followup application may be necessary.
	Leafroller Caterpillar, Cluster Caterpillar				Apply at 10 to 14 day intervals when caterpillars are active.
Macadamia Nuts	Macadamia Felted Coccid	ACT, NSW, Qld, WA only	125 mL		Spray thoroughly when pests are noticed. Repeat applications monthly where necessary. Spray in the Spring and Autumn when new flush growth is attacked or as required. Thorough coverage of the outside canopy is necessary.
	Macadamia Leaf Miner	ACT, NSW, WA only	65 mL		
Pineapples	Pineapple Scale	ACT, NSW, Qld, WA only	65 mL		PLUS add suitable wetter. Spray plant thoroughly when scales or eggs evident, apply 2000 to 3000 L mixture per hectare. Repeat applications at 2-3 week intervals as necessary.
			65 mL		PLUS add 1 L summer oil per 100 L and dip any suspected infected planting material.
	Mealy Bugs		Boom spray/ha: 1.5 to 3 L		Spray thoroughly as necessary. Use higher rate for heavy infestations.
Stone Fruit (Dormant)	San Jose Scale	ACT, NSW, WA, SA, Vic only	65 mL		Add 3 L of winter oil per 100 L. Spray thoroughly during dormant period up to budswell.
Stone Fruit	San Jose Scale		65 mL		Apply with thorough coverage at budswell. Respray if aphid or scale numbers build up.
	Green Peach Aphid, Black Cherry Aphid	ACT, NSW, SA, WA only			

PEST CONTROL

SITUATION	PEST	STATE	RATES OF APPLICATION			CRITICAL COMMENTS
			SPRAYER	MISTER	SWINGFOG	
Commercial and Industrial Buildings, Ships, Farm buildings including kennels, stables and piggeries, Refuse areas, Garbage containers	Cockroaches, Silverfish Carpet Beetles, Fleas, Flies, Spiders	All States	–	–	60 mL per litre of fogging oil or distillate	<ul style="list-style-type: none"> • DO NOT USE where there is exposed food, food utensils or food processing machinery. • DO NOT USE in food preparation areas, e.g. kitchens, tea rooms. • Avoid fogging drinking water or feed stuffs

PEST CONTROL – continued

SITUATION	PEST	STATE	RATES OF APPLICATION			CRITICAL COMMENTS
			SPRAYER	MISTER	SWINGFOG	
Homes, Flats, Hotels, Bakeries, Canteens, Commercial and Industrial Buildings, Ships, Farm Buildings, Kennels, Stables, Piggeries, Refuse areas, Garbage containers	Cockroaches, Silverfish	All States	6 mL per litre of water or kerosene	15 mL per litre of water or kerosene	–	Apply to crevices, cracks, and hiding places, e.g. beneath cupboards, behind sinks and stoves.
	Carpet Beetles					Apply to floors and under carpets.
	Bed Bugs					Spray should be applied under beds, along skirting boards and anywhere bed bugs may be able to shelter, as well as lightly to bedding.
	Fleas					Areas generally infested with fleas should be sprayed as well as sleeping and resting areas of pets. Change infested bedding.
	Flies					Apply to surfaces on which insects congregate e.g. ceilings, under eaves, walls.
	Spiders					Remove existing webbing and saturate area with the mixture
	Ants		Apply to ant trails. Attempt to locate nests and thoroughly saturate surface. Use at least 1 litre of mixture per 10 square metres.			
Refuse Areas, Garbage containers	Maggots		60 mL per 100 litres of water	15 mL per litre of water or kerosene	60 mL per litre of fogging oil or distillate	Apply to thoroughly penetrate the refuse.
Ponds, stagnant water	Mosquito larvae		125 mL per 100 litres of water	2 mL of diesel oil/ kerosene per 100 square metres	180 mL in fogging oil or distillate per hectare	Apply to breeding area.
Skins and hides	Skin and hide beetles		5 mL per litre of water	–	–	Apply 60 mL of mixture per hide individually, and spray area with 5 litres of mixture per 100 square metres.

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

WITHHOLDING PERIOD:

EDIBLE CROPS: DO NOT HARVEST, GRAZE OR CUT FOR STOCK FOOD FOR 14 DAYS AFTER APPLICATION.

PASTURES: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 14 DAYS AFTER APPLICATION.

GENERAL INSTRUCTIONS

Before opening, carefully read Directions for Use, Precautionary Statements, Safety Directions, First Aid Instructions and attached leaflet. Thorough coverage is essential.

INSECTICIDE RESISTANCE WARNING

For insecticide resistance management FARMOZ DIAZOL 800 Insecticide is a Group

GROUP **1B** INSECTICIDE

1B insecticide. Some naturally occurring insect biotypes resistant to DIAZOL 800 and other Group 1B insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if DIAZOL 800 or other Group 1B insecticides are used repeatedly. The effectiveness of DIAZOL 800 on resistant individuals could be significantly reduced.

Since occurrence of resistant individuals is difficult to detect prior to use, FARMOZ Pty. Ltd. accepts no liability for any losses that may result from the failure of DIAZOL 800 to control resistant insects.

DIAZOL 800 may be subject to specific resistance management strategies. For further information contact your local supplier, FARMOZ representative or local agricultural department agronomist.

COMPATIBILITY

This product is compatible with Summer and Winter oils and White Oil. This product should not be mixed with Dodine, lime sulphur, oxythioquinox or 2,4 DB.

MIXING

Measure out the required amount of DIAZOL 800 and slowly add to water in spray tank under agitation.

PRECAUTIONS

DO NOT spray directly onto humans. Avoid contact with food, food utensils, places where food is prepared or stored and food processing machinery. Ventilate treated rooms or buildings before re-occupying. DO NOT expose wild or domestic birds to the product.

PROTECTION OF LIVESTOCK

Dangerous to bees. DO NOT spray any plants in flower while bees are actively foraging. DO NOT spray near fowls, ducks, geese or turkeys. The product is suitable for spraying fowl houses provided birds are removed while spraying is carried out. Avoid spraying drinking water and feed troughs. DO NOT feed grass clippings from treated area to poultry and animals.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Extremely dangerous to fish. DO NOT contaminate ponds, waterways and drains with this chemical or used container. Avoid spray drift onto exposed food, food utensils or food processing machinery. Ventilate room before occupying.

STORAGE AND DISPOSAL

Store below 30°C (room temperature), in the closed, original container in a cool, well-ventilated area. This container can be recycled if it is clean, dry, free of visible residues and has the *drumMUSTER* logo visible. Triple or pressure rinse container for disposal. Add rinsings to spray tank. Dispose of the rinsate by adding it to the spray tank. DO NOT dispose of undiluted chemicals on site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any *drumMUSTER* collection or similar container management program site. The cap should not be replaced but may be taken separately. If not recycling, break, 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. Repeated minor exposure may have a cumulative poisoning effect. Avoid contact with eyes and skin. DO NOT inhale spray mist. Obtain an emergency supply of Atropine tablets (0.6mg). When preparing or using the prepared spray, wear cotton overalls buttoned to the neck and wrist, washable hat, elbow length PVC gloves and face shield or goggles. 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 contaminated clothing, gloves and face shield or goggles.

FIRST AID

If poisoning occurs, contact a Doctor or Poisons Information Centre. Phone Australia 131126. 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.

MSDS

Additional information is listed in the material safety data sheet (MSDS). A material safety data sheet for DIAZOL 800 is available from FARMOZ on request. Call Customer Service on (02) 9431 7800.

CONDITIONS OF SALE: The use of FARMOZ DIAZOL 800 Insecticide being beyond the control of the manufacturer, no warranty expressed or implied is given by FARMOZ Pty. Ltd., regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and FARMOZ Pty. Ltd. accepts no responsibility for any consequence whatsoever resulting from the use of this product.

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UN 3018
ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC (DIAZINON),
CLASS 6.1
PKG III
HAZCHEM 2X

PACK SIZE: 5 L, 20 L