

DANGER
KEEP OUT OF REACH OF CHILDREN



DIAZOL[®] INSECTICIDE

GROUP 1 INSECTICIDE

Organophosphate containing substance

For the control of insect pests in pipfruit, certain fruit, vegetable and arable crops as shown under directions for use

READ THE ATTACHED BOOKLET COMPLETELY BEFORE MIXING OR APPLYING

Active Ingredient:

Contains 500 g/L DIAZINON in the form of an oil in water emulsion

ADAMA New Zealand Limited
Level 1, 93 Bolt Road
Tahunanui, Nelson 7011
PO Box 1799, Nelson 7040
New Zealand
Telephone 03 543 8275
www.adama.com

NET CONTENTS
**5 L, 10 L,
20 L, 200 L**

ADAMA

REFER TO BOOKLET FOR FULL LABEL INSTRUCTIONS.**HAZARD CLASSIFICATIONS: 6.1D, 6.8B, 6.9A, 9.1A, 9.2B, 9.3A, 9.4A****PCBU RESPONSIBILITIES**

A PCBU with management or control of work using this substance must ensure that every worker who uses, handles, manufactures, or stores this hazardous substance (including hazardous waste) is, before the worker is allowed to carry out or supervise work involving those substances, provided with adequate information, training and instruction. This includes the use of personal protective equipment to be used to minimise risks to the health and safety of workers when carrying out work using this substance.

QUALIFICATIONS REQUIRED FOR APPLICATION OF CLASS 9 SUBSTANCES

Anyone who mixes, loads, or applies this product, either by air or ground based methods, is required to be suitably qualified, or must receive guidance and, if required, assistance from a suitably qualified person. Refer to Schedule 10 of the Hazardous Substances (Hazardous Property Controls) notice 2017 for a list of suitable qualifications.

RECORD KEEPING

A PCBU with management or control of the substance must ensure that a written record is kept of each application of this substance. This record must include the product name, date and time of each application, amount of substance applied, location where the substance was applied, wind speed and direction and electronic data files indicating the application area (if applied by air), and details of measures taken to ensure no adverse effects beyond the boundary of the application area.

DANGER

Harmful if swallowed, in contact with skin, or inhaled.

Suspected of damaging fertility or the unborn child.

Causes damage to the nervous system through prolonged or repeated exposure.

ECOTOXICITY

Very toxic to aquatic life. Do not apply onto or into water. Avoid contamination of any water supply with product or empty container.

Toxic to the soil environment.

Very toxic to terrestrial vertebrates.

Very toxic to terrestrial invertebrates. This product is toxic to bees. Do not apply this product to any plant or tree likely to be visited by bees (a) at the time of application; or (b) immediately after application until spray has dried; or (c) in areas where bees are foraging.

HANDLING PRECAUTIONS

Keep out of reach of children.

Do not eat, drink or smoke while using.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Use personal protective equipment as required.

Do not breathe fumes, spray mist or vapours.

Use only outdoors or in a well-ventilated area.

Wash exposed skin thoroughly after handling.

EQUIPMENT

A PCBU with management or control of work using this substance must ensure that equipment used to handle this substance retains the substance, without leakage, at all of the temperatures and pressures at which the equipment is to be used; and dispenses or applies the substance, without leakage, at a rate and in a manner that the equipment is designed for. The PCBU must ensure that the equipment is accompanied by documentation that is readily available and readily understandable about the use and maintenance of the equipment.

STORAGE

Store locked up in the original tightly closed container in a well-ventilated place. Keep cool.

Store in accordance with NZS 8409 Management of Agrichemicals. Secondary containment and emergency response plans are required where greater than 100 L of this product are stored. Refer to the product SDS for further information.

SHELF LIFE

The toxicity of this product may increase markedly over time. **DO NOT USE** this product if it is past its expiry date. The toxicity of this diazinon product may increase markedly over time.

PERSONAL PROTECTION

When mixing, loading or applying DIAZOL INSECTICIDE, or entering an application area within the 24-

hour re-entry interval, chemical resistant coveralls, gloves, footwear plus socks, headgear for overhead exposures and protective eyewear must be worn at all times. Unless applying using a vehicle with a fully-enclosed cab equipped with personal protective equipment, the operator must wear appropriate respiratory protection. Wash hands, arms and face with soap and water before meals and after work. Wash protective clothing after use.

SPILLAGE

Exclude all bystanders from the vicinity of the spill and prevent material from entering waterways. Wear appropriate protective clothing as in the personal protection section of this label to clean up spills. Absorb spills with an inert material (such as vermiculite, earth, sand or synthetic absorbent substance) material and place in waste containers. Wash area with water and alkaline detergent. Then absorb any remaining liquid with further inert material. Dispose of the waste safely in an approved landfill.

DISPOSAL

Container Disposal - Triple rinse empty container and add rinsate to spray tank. Submit clean empty container to an Agrecovery® depot for recycling. Alternatively, burn in an appropriate incinerator if circumstances such as wind direction permit, or puncture and bury in a suitable landfill. Avoid contamination of any water supply with product or empty container.

Product Disposal - Dispose of this product only by using according to the label, or through the Agrecovery® Chemical Recovery service or other approved facility.

FIRST AID

If medical advice is needed, have product container or label at hand.

For advice, or if you feel unwell or are exposed or concerned, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately.

IF SWALLOWED: Rinse mouth. Call a POISON CENTRE or doctor if you feel unwell.

IF ON SKIN: Immediately remove all contaminated clothing. Wash with plenty of soap and water. Call a POISON CENTRE or doctor if you feel unwell. Wash contaminated clothing before reuse.

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor if you feel unwell.

CONDITIONS OF SALE

ADAMA New Zealand Limited will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than the responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by the Statutes applicable to the sale and supply of these goods. To the extent allowed by such Statutes the liability of ADAMA New Zealand Limited is limited to the replacement of the goods or (at the option of ADAMA New Zealand Limited) the refund of the price paid and is conditional upon a claim being made in writing and where possible sufficient part of the goods to enable proper examination being returned to ADAMA New Zealand Limited within thirty days of delivery.



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Label

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Diazol is a registered trademark of an ADAMA Group Company.



EMERGENCY RESPONSE
(All hours)
Ring from anywhere in New Zealand
0800 734 607

**In a Transport
Emergency
Phone 111
Police or Fire**

Batch Number:

Date of Manufacture:

Expiry date:

Bar code to be inserted

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SAFETY DATA SHEET

A Safety Data Sheet for this product is available from ADAMA New Zealand Limited on request. Call 03 543 8275.

DIRECTIONS FOR USE

IT IS AN OFFENCE TO USE THIS PRODUCT OFF-LABEL.

THE PERSON APPLYING THIS SUBSTANCE MUST NOT CAUSE ADVERSE EFFECTS BEYOND THE BOUNDARY OF THE TREATED PROPERTY, AND MUST ALSO AVOID ADVERSE EFFECTS FROM SPRAY DRIFT OCCURRING. MITIGATION MEASURES EMPLOYED MUST BE RECORDED AS PART OF THE APPLICATION RECORDS.

This substance may be applied at a maximum rate of 4.8 L/ha, with a maximum application frequency of 2 times per crop cycle.

Tree crops

The rates suggested for foliar application are for high volume spraying to run-off. For concentrate spraying, adjust dilution rate accordingly. The addition of a wetting agent at manufacturer's label rates to all foliar applications of DIAZOL INSECTICIDE will enhance insect control.

CROP	PEST	RATE	CRITICAL COMMENTS
Apples, Pears (non-bearing)	Leaf curling midge	Ground – 4.8 L/sprayed ha	Apply as a single application prior to the emergence of Midge adults. Apply to the area beneath the trees to the dripline or over the entire orchard floor where the orchard has been recently replanted or regrafted. Ensure the ground is free of vegetation and trash. The action of rain or irrigation during application is desirable to move the active ingredient into the soil.
		Foliar – 100 mL/100 L of water	Apply at tight cluster in September to coincide with first generation egg hatch and again post-petal fall if first generation egg hatching is still occurring. Note: DO NOT use over pink to petal fall period. Repeat in the mid-late November period through to December at 14 day intervals or after rain at this time to coincide with second and later generations of egg hatch.
	Leafrollers	Foliar – 100 mL/100 L of water	When DIAZOL INSECTICIDE is applied to control leaf curling midge during the period from petal fall to end of December, leafroller will also be controlled. From January onwards, use an alternative approved insecticide to control leafrollers.
	Woolly apple aphid, San Jose scale, aphids, mealy bug	Foliar – 100 mL/100 L of water	Make the first application at green tip in combination with a spraying oil. Apply subsequent applications as required.
Avocados	Leafrollers, mealy bug, thrips, scale insects	100 mL/100 L of water	Apply as a seasonal cover spray mixed with carbaryl 800 g/kg wettable powder at label rates. Apply pre and post-blossom and thereafter at 2-4 week intervals, using the shorter interval for leafroller control over summer.
Oranges, mandarins	Aphids, mealy bug, scale insects, Australian citrus whitefly, thrips	100 mL/100 L of water	Apply as required. Tank-mix with an “all-purpose spraying oil” to improve scale control.

Ground crops

The rates of DIAZOL INSECTICIDE suggested are for low volume broadcast application in 200 L water/ha, with increasing water rates as necessary for more leafy vegetable crops. A rate of 50 L water/ha is suitable for aerial application to pasture.

CROP	PEST	RATE	CRITICAL COMMENTS
Cereals	Aphids	1.2 L/ha	For aerial application, make two passes at right angles to each other, each applying 600 mL in 100 L of water/ha.
Forage brassicas	Springtails	550 mL/ha	Make one application 1-2 days before emergence of the brassica crop.
Pasture	Grass grub	4.8 L/ha	Apply during falling rain, during February to April when grubs are small and near the surface. Pasture must be short, hard grazed with moist soil. These applications must be followed by about 13 mm of rain within a week for best results. DO NOT apply to heavy clay or peaty type soils.
	Porina	1.8-2.4 L/ha	Apply to short grazed pasture, preferable in the late afternoon when frost is NOT expected. Use the higher rate when caterpillars are large and numerous or if pasture is dense.
	Armyworm	1.2 L/ha	Apply in the early morning or late afternoon when caterpillars are actively feeding.
	Lucerne flea	550 mL/ha	Apply when insects first appear in autumn and repeat in 4 weeks if necessary.
Seed crops (grass, clover, vegetables, ryegrass)	Grass grub, carrot rust fly (carrot and parsnip seed crops only)	4.8 L/ha	Make one application. To ensure effective control of later infestations of grass grub and second/third generations of carrot rust fly, DIAZOL INSECTICIDE should be applied by jet-squirt boom using at least 200 L/ha. Useful control may be obtained with jet-squirt without rain but greatly improved control is likely if treatment is followed by heavy rain (at least 13 mm) or irrigation. Normal spray booms are effective only if heavy continuous rain prevents the spray from drying before it is washed into the soil.
Strawberries (bearing plants)	Aphids	1.5 L/ha	Apply as a single application pre-flowering.
Strawberry runner plants (non-bearing)			Apply pre-flowering.
Tomatoes (outdoor)	Aphids, caterpillars, thrips	1.6 L/ha	Apply at first sign of insects and repeat as necessary.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.

WITHHOLDING PERIODS

Apples, pears:	Use on non-bearing trees only.
Avocado:	14 days
Oranges, mandarins:	21 days
Strawberries (bearing):	Use pre-flower only.
Cereals:	14 days
Tomatoes (outdoor):	14 days
Pasture, forage brassicas:	Nil

WHEN SPRAYING FOR SURFACE FEEDING INSECTS, KEEP DUCKS, GEESE AND HENS OFF TREATED AREAS FOR 7 DAYS AFTER SPRAYING.

RE-ENTRY INTERVAL

Do not enter any treated area for 24 hours after application. If prior entry is required, chemical resistant coveralls, gloves, footwear plus socks, headgear for overhead exposures, protective eyewear and appropriate respiratory protection must be worn at all times. Refer to personal protection section of the label.

MIXING

Shake container thoroughly before use. Add the full quantity of product to the partly filled spray tank while agitating. Fill tank and agitate to ensure thorough mixing and continue agitation while spraying. Agitate vigorously from the bottom if allowed to stand. Reseal part used containers immediately.

COMPATIBILITY

Compatible with most wettable powder insecticides. Do not mix with foliar fertilisers, nutrient sprays, fungicides or highly alkaline materials (e.g. lime sulphur).

APPLICATION

When the substance is applied indoors, application must be carried out using automated application equipment.

AERIAL APPLICATION

For wide-dispersive (aerial) application, the applicator must provide written notice of the proposed application to any person(s) likely to be directly affected by the application, including occupiers and owners of land, dwellings, buildings or property that is immediately abutting the application area. This notice must be given at least 2 working days but no more than 4 weeks in advance of each application; and specify the following:

- I. The location of application area that the substance will be applied to;
- II. The date and approximate duration of each application;
- III. The steps to be taken by the notified parties to avoid exposure (e.g. closing windows and doors, moving laundry indoors, staying inside, etc.);
- IV. The name of the organisation(s) undertaking the application;
- V. Contact details for the person in charge of the application (phone, email or postal address, including a contact number for immediate contact during application).

RESISTANCE MANAGEMENT

DIAZOL INSECTICIDE contains the GROUP 1 Acetylcholine esterase inhibitor insecticide, diazinon. Resistance to this product could develop from excessive use. To minimise this risk use strictly in accordance with label instructions and resistance management strategies that exist for any insect pest or crop listed on the label. Refer to <https://nzpps.org/> for current resistance management strategies. Avoid using this pesticide exclusively all season, and avoid unnecessary spraying. Maintain good cultural control practices.

CONDITIONS OF SALE

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