

DANGER

**KEEP OUT OF REACH OF CHILDREN
ACUTE TOXIC
COMBUSTIBLE LIQUID
ECOTOXIC**



DIAZOL[®] 800 INSECTICIDE

GROUP	1	INSECTICIDE
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Organophosphate containing substance

***For control of insect pests in pasture, cereals,
seed crops and other horticultural crops***

READ THE ATTACHED BOOKLET COMPLETELY BEFORE MIXING OR APPLYING

Active Ingredient:

Contains 800 g/litre diazinon in the form of an emulsifiable concentrate

Adama New Zealand Limited
Level 1, 19 Elms Street,
Wakatu Estate
Stoke 7040 New Zealand
PO Box 1799
Nelson 7015 New Zealand

NET CONTENTS

**5, 10, 20,
200 L**

Telephone 03 543 8275
adama.com

ADAMA

Refer to booklet for full label instructions.

HAZARD CLASSIFICATIONS

Classifications 3.1D, 6.1C, 6.3B, 6.8B, 6.9A, 9.1A, 9.2B, 9.3A, 9.4A



ACUTE TOXIC



ECOTOXIC

APPROVED HANDLER: This product must be under the control of an approved handler during use

TRACKING: this product must be tracked – see SDS for details

RECORD KEEPING - Records of use must be kept under certain circumstances – see The New Zealand Standards for Management of Agrichemicals (NZS8409) for details.

WARNING –

Combustible liquid. Do not store or use near heat or naked flame. Will burn if ignited.

TOXICITY

DANGER–

May be fatal if swallowed, inhaled or absorbed through the skin.

May cause mild skin irritation.

May cause reproductive/development damage from repeated oral exposure at high doses.

Presumed to cause neurotoxicity (nervous system) damage from repeated oral exposure at high doses.

Avoid skin and eye contact and inhalation of spray mist.

The toxicity of this diazinon product may increase markedly over time. DO NOT use this product if it is out-of-date.

ECOTOXICITY

Very toxic to aquatic organisms. Avoid contamination of any water supply with product or empty container. Diazol 800 Insecticide must not be applied onto or into water. **Harmful to the soil environment.**

Very toxic to terrestrial vertebrates and invertebrates.

Very toxic to bees. Do not apply Diazol 800 Insecticide to any plant or tree likely to be visited by bees at the time of application or immediately after application until spray has dried or in areas where bees are likely to be foraging.

HANDLING PRECAUTIONS

Keep out of reach of children. Do not eat, drink or smoke while using.

Equipment

Apply using accurately calibrated and maintained equipment in accordance with The New Zealand Standard for the Management of Agrichemicals (NZS 8409).

Storage

Store in tightly closed original containers under cool, dry, dark conditions and away from sources of ignition, stockfeed, seeds or foodstuffs and under lock and key.

DO NOT allow water to enter this container. DO NOT rinse the lid with water.

As a Class 9 Substance with Ecotoxicity Classifications storage of Diazon 800 Insecticide must be carried out in such a manner as to prevent contamination of waterways. It is recommended that The New Zealand Standard for the Management of Agrichemicals (NZS8409) is followed as a means of meeting the secondary containment provisions of the HSNO Emergency Management Regulations. See Safety Data Sheet for further information

Shelf life

The toxicity of this diazinon product may increase markedly over time. DO NOT use this product if it is out-of-date.

Protective Clothing

When mixing, loading or applying Diazol 800 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-enclose 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

Extinguish all ignition sources. Exclude all bystanders from the vicinity of the spill and prevent material from entering waterways. Wear appropriate protective clothing as in the Precautions box of this label to clean up spills. Absorb spills with an inert (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

Ensure container is empty. Triple rinse empty container and add rinsate to spray tank. Recycle empty container through Agrecovery (0800 247 326, www.agrecovery.co.nz). Otherwise crush or puncture and bury in a suitable landfill. DO NOT reuse this container for any other purpose.

FIRST AID:

If swallowed do NOT induce vomiting. **For advice, contact the National Poisons Centre 0800 POISON (0800 764766) or a doctor immediately.** If breathing is difficult, take to hospital without delay. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with water. If splashed in eyes, wash out immediately with water.

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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Registered pursuant to the ACVM Act 1997, No. P7724
See www.foodsafety.govt.nz for registration conditions

Approved pursuant to the HSNO Act 1996, Approval No. HSR002481
See www.epa.govt.nz for approval controls

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

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

Batch Number:

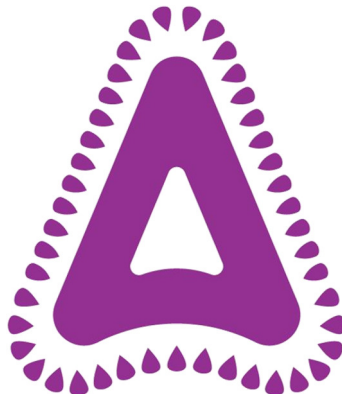
Date of Manufacture:

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.

BEWARE: Diazol Insecticide must not be applied in a manner that results in adverse effects beyond the intended boundary of the application area. A strategy to avoid spray drift must be employed at all times. Details of spray drift mitigation measures must be recorded as part of the application records. Ensure compliance with relevant regional air management plants.

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

DIRECTIONS FOR USE

Do not apply more than 3 L Diazol Insecticide per hectare and no more than twice per crop cycle.

The rates suggested are for high volume spraying to thoroughly wet the crop without runoff. For concentrate spraying, adjust dilution rates accordingly.

Crop	Pest	Rate	Critical comments
Apples Pears (Non-bearing)	Overwintering San Jose scale, Woolly apple aphid, Aphids, Leaf curling midge, Mealy bug	60 mL/100 litres of water	Apply at green tip in combination with a suitable spraying oil. Thereafter use Diazol Insecticide (500 EW). DO NOT apply more than 2 applications of any diazinon product per season.
Cereals	Cereal aphids	800 mL in 200 litres water/hectare	For aerial spraying make two passes, each pass applying half of the total amount. DO NOT apply more than 2 applications per season.
Tomatoes (Outdoor)	Aphids, Caterpillars, Thrips	1 L/ha (100 mL/100 litres) in 200-300 litres of water per hectare	Apply at first sign of insect pests and repeat when necessary. DO NOT apply more than 2 applications per season.
Seed Crops (Grass, Clover, Vegetables, Ryegrass)	Grass grub, Carrot rust fly (carrot and parsnip seed crops only)	3 L in 150-250 litres water/hectare	Make ONE application. To ensure effective control of later infestations of grass grub and second/third generations of carrot rust fly, Diazol 800 Insecticide should be applied by jet-squirt boom using at least 200 litres/hectare. 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 13mm) or irrigation. Normal spray booms are effective only if heavy continuous rain prevents the spray from drying before it is washed into the soil.

Crop	Pest	Rate	Critical comments
Forage Brassicas	Army caterpillar, Diamondback moth	800 mL in 110-170-litres water/hectare	Spray early morning or late evening when the insects are actively feeding. Treat at the first sign of damage when most of the caterpillars are small. DO NOT apply more than 2 applications per season.
	Springtails	350 mL in 200 litres water/hectare.	In germinating crops, apply 1-2 days before crop emergence. DO NOT apply more than 2 applications per season.
Pasture	Army caterpillar	800 mL in 200 litres water	Apply when the caterpillars are actively feeding in the early morning or later afternoon. DO NOT apply more than 2 applications per season.
	Grass grub	3 L in 150-250 litres water/hectare	Apply to closely grazed pasture, between February and April when grubs are feeding close to the surface but before damage has become severe. Best applied by jet-squirt boom using at least 150 litres/hectare and preferably 250 litres/hectare. Useful control of grass grub may be obtained with jet-squirt without rain but greatly improved control is likely if treatment is followed by heavy rain (at least 13mm) or irrigation. Normal spray booms are effective only if heavy continuous rain prevents the spray from drying before it is washed into the soil. DO NOT apply more than 2 applications per season.
	Porina caterpillar	1 – 1.5 L in 170-280 litres water/hectare.	Apply to closely grazed pasture. Use the heavier rate when caterpillars are numerous or the pasture dense. Best control of porina is obtained if spraying is followed by warm nights, even when rain falls, and the poorest control is obtained if frosty weather follows spraying. DO NOT apply more than 2 applications per season.
	Lucerne flea	350 mL in 200 litres water/hectare	Spray when the insects first appear in the autumn and repeat 4 weeks later if necessary. DO NOT apply more than 2 applications per season.

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
Cereals	14 days
Forage Brassicas	Nil
Grass, Clover and Vegetable Seed Crops	Use at sowing only
Pasture and Fodder Crops	Nil
Tomatoes (Outdoor)	14 days

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.

GENERAL INSTRUCTIONS

MIXING AND COMPATIBILITY

Pour the correct quantity of Diazol 800 Insecticide into the partly filled spray tank. Agitate and add the remainder of the water. When using in combination with wettable powders or flowable suspensions always add Diazol 800 Insecticide last to the spray tank. Keep agitated whilst adding the remaining water. Compatible with most commonly used wettable powder fungicides and insecticides. Do not mix with copper compounds, Bordeaux mixture or lime sulphur.

APPLICATION

Do not apply more than 3 L Diazol 800 Insecticide per hectare and no more than twice per crop cycle.

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 two working days but no more than four weeks in advance of each application; and specify the following:

- I. The location of the application area;
- 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 800 contains the GROUP 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 listed on the label. Avoid using this pesticide exclusively all season, and avoid unnecessary spraying. Maintain good cultural control practices.

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