

WARNING
COMBUSTIBLE LIQUID
TOXIC
KEEP OUT OF REACH OF CHILDREN

DIAZATE

INSECTICIDE

Contains 800g/L diazinon in the form of an emulsifiable concentrate (EC)

A broad-spectrum organophosphate insecticide for the control of insect pests in pasture, forage brassicas and other agricultural crops

Note: Please read all the label information carefully before using this product



Registered pursuant to the ACVM Act 1997 No: P009258
See www.nzfa.govt/acvm for registration conditions.
Approved pursuant to HSNO Act 1996 No HSR101016
See www.epa.govt.nz for approval conditions

Date of manufacture:
Batch no:
Net contents: 20L

Distributed by:
AGPRO NZ Ltd
10 Polaris Place
East Tamaki
P O Box 58-963
Botany
Auckland 2163
Ph 09 273 3456
Fax 09 273 3457
www.agpro.co.nz

IN A TRANSPORT EMERGENCY, call 111, Police or Fire Brigade

HAZARD CLASSES:

3.1D, 6.1D, 6.1E, 6.3B, 6.4A, 6.8B, 6.9A, 9.1A, 9.2B, 9.3A, 9.4A

WARNING

Combustible liquid. Keep away from sources of ignition.

TOXICITY: TOXIC: May cause organ damage from repeated oral exposure at high doses (Neurotoxic).

HARMFUL: May be harmful if swallowed, inhaled or absorbed through the skin. May cause reproductive or development damage from repeated oral exposure at high doses. May cause skin and eye irritation.

ECOTOXICITY: Very toxic to aquatic organisms. Avoid contamination of any water supply with product or empty container. DIAZATE must not be applied into, onto or over water. Very toxic to terrestrial invertebrates.

DIAZATE is Very 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.

TOXIC: Toxic to the soil environment.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. DO NOT allow water to enter this container. **DO NOT** rinse the lid with water. The toxicity of this DIAZINON product may increase markedly over time. **DO NOT** use this product if it is out of date. Avoid contamination of any water supply with product or empty container. Avoid contact with skin and eyes and avoid inhalation of spray mist. Wash splashes of concentrate from eyes or skin immediately. When handling or applying wear full protective clothing (PPE) chemical resistant coveralls, gloves, footwear plus socks, headgear for overhead exposures. Protective eyewear and respiratory protective equipment (RPE). Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash protective clothing after use. Do not eat, drink or smoke while using.

STORAGE: Store in the original container tightly closed under lock and key in a well-ventilated area away from sources of heat and ignition, foodstuffs, fertilisers and seeds. Do not store with Class 1, 2, 3.2, 4 or 5 substances. Stores containing up to 100 litres of DIAZATE require secondary containment and are subject to signage. More than 100 litres requires emergency response plans. Stores containing more than 500 litres of DIAZATE must have at least 2 fire extinguishers. Avoid storage at temperatures below 5°C and above 35 °C. Storage must be in accordance with the current version of NZS 8409 Management of Agrichemicals.

DISPOSAL: Dispose of this product only by using according to this label or dispose of safely at a managed landfill. Triple rinse empty container and add rinsate to the spray tank

Recycle empty container. Otherwise crush and bury empty container in a suitable landfill. **DO NOT** burn the container. **DO NOT** use the container for any other purpose. Avoid contamination of any water supply with chemical or empty container.

SPILLAGE: Extinguish all ignition sources. Wear appropriate protective clothing and prevent material from entering waterways. Contain the spill by damming, recover spilt product by absorbing with sawdust or an inert absorbent material then transfer the recovered spilt material to a properly labelled container. Wash area with water and absorb with further inert material. Dispose of waste safely in an approved landfill or other approved facility.

FIRST AID

If swallowed. **DO NOT** induce vomiting. For advice contact the National Poisons Centre 0800POISON (0800 764 766) or a doctor immediately. If skin or hair contact occurs, remove contaminated clothing and

flush skin and hair with running water. If splashed in eyes, flush with water for at least 15 minutes. If inhaled, move the patient to fresh air immediately. Begin artificial respiration if breathing has stopped.

SYMPTOMS OF POISONING

These may include excessive sweating, headache, weakness, faintness, dizziness, nausea, stomach cramps, vomiting, small pupils, blurred vision and muscle twitching.

TRANSPORT

Do not carry this product on a passenger service vehicle

TRACKING

Records of use as described in the New Zealand Standard for the Management of Agrichemicals (NZS8049) must be kept.

GENERAL INFORMATION

DIAZATE is an organophosphate insecticide that works directly on insect pests through contact and vapour action. It also works as a stomach poison when ingested by insects. DIAZATE also remains active in soil for several days.

Re-entry Interval (REI) is 24 hours to treated area.

MIXING

Partly fill spray tank. Add required amount of Diazate and start agitation. Complete filling the spray tank and maintain agitation until spraying is complete.

COMPATIBILITY

DIAZATE is compatible with most commonly used insecticides and fungicides. It should not be mixed with highly alkaline materials such as Bordeaux mixture or lime sulphur. The use of a non-ionic surfactant at label rates may enhance insect control.

RAINFALL

The effectiveness of DIAZATE may be reduced if rainfall occurs within 3 hours of application.

SPRAY DRIFT MITIGATION

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.

NOTIFICATION OF AERIAL APPLICATION

A person applying the substance in a wide dispersive manner must:

- Give written notice to anyone likely to be directly affected (such as owners and occupiers of land, property, buildings or houses immediately next to the application area).
- Ensure the notification is given at least two working days before, but no more than four weeks before, each application of the product.
- Ensure the written notice includes:
 - a) Where the product will be applied
 - b) The date and approximate duration of each application
 - c) The steps that notified parties should take to avoid exposure
 - d) The name of the organisation/s applying the product

e) Contact details for the person in charge of the application (phone, email or postal address, including a contact number for immediate contact during application).

DIRECTIONS FOR USE

CROP	PEST	DOSAGE RATE	REMARKS
Forage brassicas	Springtails	350 ml/ha in 200 litres of water/ha	Apply 1-2 days before crop emergence.
	Army Caterpillar	800 ml/ha in	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.
	Diamond back moth	110-170 litres of water/ha	
Cereals	Cereal Aphids	800 ml/ha in 200 litres of water/ha	Apply when aphids appear. For aerial application, make two passes at right angles to each other using 400ml/100 litres water/ha in each pass.
Pasture	Army Caterpillar	800ml/ha in 200 litres water/ha	Apply when the caterpillars are actively feeding in the early morning or late afternoon.
	Grass Grub	3 litres/ha in 150-250 litres of water/ha	Apply when the grubs are small and near the surface during February - April. Pasture needs to be short and the soil moist. For best results 13mm of rainfall is required during and following application, unless using the jet -squirt technique. Normal spray booms are only effective if rain or irrigation prevents the spray from drying on the pasture before it is washed into the soil. Do not apply to heavy clay or peat soils.
	Lucerne Flea	350ml/ha in 200 litres water/ha	Apply in the autumn when insects first appear. Re-apply at 4 weekly intervals as necessary.
	Porina Caterpillar	1-1.5L/ha in 200 litres of water/ha	Apply to short grazed pasture in late afternoon when frost is not expected. The higher rate should be used when the caterpillars are large and numerous or if pasture is dense. Best control is obtained if spraying is followed by warm nights, even when rain falls, and the poorest control is obtained if frosty weather follows spraying.
Maize, Tomatoes (outdoors)	Aphids, caterpillars, thrips	1litre/ha in 200-300 litres of water/ha (100ml/100 litres of water)	Apply at the first sign and repeat as necessary.

It is an offence to use this product off label.

MAXIMUM DOSAGE RATES & NUMBER OF SPRAYS

The maximum dosage rate is diazinon 2400g /ha (DIAZATE 3 litres /ha). The maximum number of sprays is 2 per crop cycle.

WITHHOLDING PERIODS

Pasture and fodder crops	Nil
Maize	14 days
Tomatoes (outdoor)	14 days
Cereal	14 days
Export crops	Contact your exporter or industry crop advisor

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.

RESISTANCE MANAGEMENT

GROUP	1	INSECTICIDE
--------------	----------	--------------------

DIAZATE contains the Group 1 Insecticide Diazinon (Organophosphate) accordance with the label Resistance to this insecticide could develop from excessive use. To minimize this risk use strictly in instructions and resistance management strategies that exist for any insect species listed on this label. Avoid using this insecticide exclusively all season and avoid unnecessary spraying. Maintain good cultural control practices. For further information see www.resistance.nzpps.org.

Registered to:

Global Agrichem Limited
Suite 4, Level 1
38 Whitaker Place
Grafton, Auckland 101
Telephone: 022 191-5641

CONDITIONS OF SALE

The use of Diazate being beyond the control of the manufacturer, no warranty expressed or implied is given by manufacturer/distributor 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 the manufacturer/distributor accepts no responsibility for any consequence whatsoever resulting from the use of this product.