

DIRECTIONS FOR USE

IT IS AN OFFENCE TO USE THIS PRODUCT OFF-LABEL. By law, this product must only be used according to label instructions.


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.

EPA Controls:

- Do not apply into or onto water; and
- This substance may be applied at a maximum rate of 2,400 g diazinon/ha (3 L DIAZOL 800 INSECTICIDE/ha), with a maximum application frequency of 2 times 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 L 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 L water/ha | 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 L) in 200-300 L of water/ha | 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 L water/ha | 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 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. |
| Forage brassicas | Army caterpillar, diamondback moth | 800 mL in 110-170 L water/ha | 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 L water/ha. | 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 L water/ha | Apply when the caterpillars are actively feeding in the early morning or later afternoon. DO NOT apply more than 2 applications per season. |

| CROP | PEST | RATE | CRITICAL COMMENTS |
|------|---|--------------------------------|--|
| | Grass grub  | 3 L in 150-250 L 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 L/ha and preferably 250 L/ha. 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 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. DO NOT apply more than 2 applications per season. |
| | Porina caterpillar | 1–1.5 L in 170-280 L water/ha. | 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 L water/ha | 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

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|---|-------------------------------|
| 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.

MIXING

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.

COMPATIBILITY

Compatible with most commonly used wettable powder fungicides and insecticides. Do not mix with copper compounds, Bordeaux mixture or lime sulphur.

APPLICATION

When the substance is applied indoors, the 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 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 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.




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