

DANGER
KEEP OUT OF REACH OF CHILDREN



LANCER[®]

750 DF
ORGANOPHOSPHATE INSECTICIDE

ACTIVE CONSTITUENT: 750g/kg ACEPHATE
in the form of a water soluble powder

GROUP 1 INSECTICIDE



IN A TRANSPORT EMERGENCY
DIAL 111 POLICE OR FIRE BRIGADE

For specialist advice in a First Aid emergency only
call: National Poisons Centre on 0800 764 766.

For the control of most caterpillar pests
and aphids on avocados, citrus, cabbages,
cauliflowers, lettuce, tamarillos, tomatoes
(outdoor only) and boysenberries.

Registered pursuant to the ACVM Act 1997 No. P6086.
See www.foodsafety.govt.nz for registration conditions.

NET CONTENTS: 1KG

HSNO Classifications: 6.1D (O), 6.8B, 6.9A, 9.1D, 9.3B, 9.4A.

Approved under the HSNO Act 1996, HSR000155. See www.epa.govt.nz for controls.

This product must be under the care of a certified handler at all times. A record must be kept of the use and disposal of this product. Tracking is required. Harmful if swallowed or absorbed through the skin. Suspected of damaging fertility or the unborn child. Suspected teratogen. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. May cause eye and mild skin irritation. May cause neurological symptoms (See 'Symptoms of Poisoning' below) from single or repeated ingestion at high doses.

ECOTOXICITY: May cause longlasting, harmful effects to aquatic life. Toxic to terrestrial vertebrates. Very toxic to terrestrial invertebrates. DO NOT contaminate an aquatic environment with chemical or empty container. DO NOT spray over, or allow drift to drift over, an aquatic environment. Lancer must not be applied onto or into water. DO NOT allow drift outside the target area to occur. Spray must not be applied in an area where bees are foraging.

HANDLING PRECAUTIONS: EQUIPMENT: Apply using calibrated and maintained equipment in accordance with the NZ Standard for the Management of Agrichemicals (NZS8409). Lancer must be applied via ground-based methods only.

STORAGE: Store in original container tightly closed and in a locked, dry, cool, well ventilated area, away from foodstuffs. Storage must be generally in accordance with the NZ Standard for the Management of Agrichemicals (NZS8409).

MAXIMUM APPLICATION RATE: A maximum of 1.5kg of Lancer can be applied per hectare, with a 3x crop cycle frequency.

SPRAY DRIFT: The person applying the 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.

METHOD RESTRICTIONS: Only automatic application of this product can be made indoors.

PERSONAL PROTECTIVE (PPE) AND RESPIRATORY PROTECTIVE EQUIPMENT (RPE): Avoid contact with eyes and skin. Avoid inhalation of vapour or spray mist. When mixing or applying, wear chemical resistant overalls, chemical resistant boots and gloves, chemical resistant footwear plus socks, chemical resistant head gear, eye protection and respirator (organic vapour and particulate matter). Clean protective clothing daily after work. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work. Avoid handling, mixing or use of the product or container near heat, flame or other source of ignition. Do not use near air vents or ducts. Apply with well maintained and calibrated spray equipment.

THIS PRODUCT 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; or d) If the plant or tree is likely to flower after application of the substance within 7 days.

NOTIFICATION:

Notification is only required for outdoor use, and when used in a wide dispersive manner. The person applying the substance in this situation 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 2 working days before, but no more than 4 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).

RESTRICTED ENTRY INTERVAL (REI):

The REI is 24 hours. The person in charge is responsible for making sure no person enters the application area before the end of the REI. A person may only enter the indoor treated area if PPE and RPE is worn as if they were applying the substance, and they are entering to carry out tasks associated with the ventilation of the building or building structure.

SPILLAGE:

Wear appropriate protective clothing and prevent material from entering waterways. Absorb spills with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely, according to local Council regulations.

DISPOSAL:

Ensure packaging is completely empty. Crush and bury in a suitable landfill.

PLEASE READ THE LABEL COMPLETELY BEFORE USE.

Methamidophos residues can occur as a breakdown of acephate use on treated crops. It is recommended that use of acephate and methamidophos products in the same season on the same crops should be avoided to ensure compliance with Maximum Residue Limits.

IT IS AN OFFENCE to use this product off-label.

DIRECTIONS FOR USE:

CROP	PESTS	RATES	CRITICAL COMMENTS
Avocados Nursery seedlings	Grass Grub Beetle, Greedy Scale, Leafrollers, Mealy Bug, Aphids, Caterpillars	100g/100 litres water	Apply the first spray before flowering begins and repeat when flowering has finished. Further sprays will be required at 3-4 week intervals until the end of April, and thereafter only if needed. For heavy infestations of mealy bug or scale add a crop spraying oil. Observe all precautions for oil sprays. Repeat as required.
Boysenberries	Leafhoppers	1kg/ha	Apply immediately after harvest or late in the autumn before overwintering eggs are laid.
Citrus	Aphids, Leafrollers, Mealy Bug	100g/100 litres	Apply at monthly intervals from petal fall until 14 days before harvest. Where red scale is a problem, a 1% oil spray should be applied with Lancer in the pre and postflowering treatments. The use of oil sprays on tangelos after December may affect fruit finish.
Lettuce	Aphids, Caterpillars	1kg/ha or 100g/100 litres	Apply every 2 weeks as needed.
Tamarillos	Aphids, Caterpillars, Grass Grub Beetles	100g/100 litres	Apply at first appearance of insects. Repeat as necessary at 10-14 day intervals.
Tomatoes (outdoor only)	Caterpillars	100g/100 litres or 1kg/ha	Apply every 2 weeks as a preventative programme.
Vegetable Brassicas (cabbages, cauliflowers)	Diamondback Moth, White Butterfly, Green Peach Aphid	1-1.5kg/ha or 100g/100 litres	Apply at 7-day intervals after transplanting. The addition of a wetting agent is essential to enhance effectiveness.

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: Tomatoes (outdoor only), Lettuce, Citrus and Tamarillos - 14 days; Cabbages, Cauliflowers - 7 days; Avocados - 28 days.

APPLICATION:

Use water rates capable of achieving complete and uniform coverage. Dilution rates given are for high volume spraying to run-off and should be adjusted for concentrate spraying.

RAINFALL:

Rain within 6 hours following treatment may reduce effectiveness.

SURFACTANT:

Add wetting agent for brassicas and other difficult to wet plants.

COMPATIBILITY:

Lancer may be tank mixed with most commonly used fungicides, adjuvants and insecticides, with the exemption of strongly alkaline materials such as hydrated lime, Bordeaux mixture and lime sulphur.

Symptoms of Poisoning:

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

First Aid: Atropine tablets 0.6mg should be available in the area where this product is used, or in a nearby unlocked medicine cabinet. Ingestion: If swallowed do NOT induce vomiting. Rinse mouth. For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. Give atropine tablets as above. Get to a doctor or hospital quickly. **Skin contact:** If anticholinesterase poisoning develops, see above for instructions and act on them immediately. If product gets on skin, wash skin to remove material. 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. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Inhalation: If anticholinesterase poisoning develops, see above for instructions and act on them immediately. No first aid measures normally required. However, if dusts or vapour or spray mist have been inhaled, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice. **Note to Physician:** Contains a cholinesterase inhibitor. Atropine treatment may be required or treat with up to 10mg of IV diazepam. Curare therapy is contraindicated. Treat pulmonary pneumonitis secondary to pulmonary oedema. Do not give adrenergic amines, aminophylline, succinylcholine, phenothiazines or reserpine alkaloids or oils.

SAFETY DATA SHEET: A Safety Data Sheet is available from Adria Crop Protection on request. Call 09 412 9817 or visit: www.adria.nz.

Batch No. and Manufacturing Date: See on packaging

Notice to Buyer: Careful tests have proved that the product is suitable for the recommended purposes when used in accordance with our instructions. However, since storage and use of product are beyond our control, we do not therefore accept any liability for damage or loss of efficacy which may result from the use of this product, whether used in accordance with the directions or not. We are liable for a consistent quality of the product, but the risk of its storage and use is not borne by us.

PLEASE READ THE LABEL COMPLETELY BEFORE USE. IT IS AN OFFENCE TO USE THIS PRODUCT ON ANIMALS.



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Batch No.

D.O.M.

