

Proteus[®]

Net contents : 5 L

Insecticide

Claim statement: A systemic and contact insecticide combination for the control of thrips in onions and aphids, potato tuber moth and tomato/potato psyllids in potatoes.

Contains: 150g/litre thiacloprid and 20g/litre deltamethrin in the form of an oil dispersion

Registered pursuant to the ACVM Act 1997, No P7529
See www.foodsafety.govt.nz for registration conditions.

Approved pursuant to the HSNO Act 1996, No HSR007653
See www.epa.govt.nz for approval conditions

DG Information



UN 3082
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S (DELTAMETHRIN)
PACKING GROUP III
CLASS 9
HAZCHEM CODE 3Z

IN A TRANSPORT EMERGENCY DIAL 111 POLICE OR FIRE BRIGADE



06-03-2018

WARNING**KEEP OUT OF REACH OF CHILDREN****HSNO Classifications:**

6.1D Harmful / if swallowed/in contact with skin/if inhaled.

6.4A Causes serious eye irritation.

6.7B Suspected of causing cancer

6.8B Suspected of damaging fertility or the unborn child

6.9B May cause damage to organs through prolonged or repeated exposure

9.1A Very toxic to aquatic life with long lasting effects

9.3B Toxic to terrestrial vertebrates

9.4A Very toxic to terrestrial invertebrates

PRECAUTIONS:

Read label before use

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Do not eat, drink or smoke while using this product.

Remove protective clothing and wash hands and face thoroughly before meals and after work.

Avoid contact with the skin and eyes

Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area

Do not apply directly into or onto water

PERSONAL PROTECTION:

When handling, wear full protective clothing such as impervious gloves, respirator, waterproof hat, coat and trousers (worn outside rubber boots).

STORAGE: Store in original container tightly closed and in a locked dry, cool, well-ventilated area, away from foodstuffs.**SPILLS AND DISPOSAL:** When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section.

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 drum. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

Disposal: Dispose of this product only by using according to the label or at an approved landfill. Avoid contamination of any water supply with product or empty container.**Container Disposal:** Triple rinse container and add residue to mixture. Take to an Agrecovery collection site.**FIRST AID:**

If swallowed, do NOT induce vomiting. For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If skin contact occurs, remove contaminated clothing and flush skin with running water. If splashed in eyes, wash out immediately with water, if irritation persists get medical advice. If inhaled, move the victim to fresh air immediately.



06-03-2018

It is an offence to use this product on animals.

Proteus is a combination of a systemic insecticide of the chloro-nicotinyl group and a synthetic pyrethroid giving systemic and contact action for the control of thrips in onions and aphids, potato tuber moth and tomato/potato psyllids in potatoes.

DIRECTIONS FOR USE:

MIXING: Pour **Proteus** directly into the spray tank with agitators running.

RESISTANCE MANAGEMENT

Group	3+4	Insecticide
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Proteus[®] contains deltamethrin from the sodium channel modulators mode of action (Group 3) and thiacloprid from the nicotinic acetylcholine receptor agonists mode of action (Group 4). Resistance to both active ingredients in Proteus could develop in some situations from repeated use. Apply a maximum of two applications per season. Resistance of some onion thrips to synthetic pyrethroids such as deltamethrin is already known in New Zealand. For onions, apply according to the onion thrips management strategy issued by the NZ Onion Exporters Association. Follow the other recommendations of the strategy.

RECOMMENDATION:

Crop	Pest	Product Rates	Comments
Onions	Thrips	500ml/ha	Apply up to two consecutive applications once thresholds have been reached.
Potatoes	Aphids Potato tuber moth	500ml/ha	Apply at first appearance and repeat at 14-21 days.
	Tomato/potato psyllids	650ml/ha	Apply up to two applications at 7 day intervals as part of a programme in sufficient water to ensure good coverage of all foliage.

Apply **Proteus**[®] in 500 – 600 litres of water per hectare and ensure good spray coverage. The addition of a wetting agent is recommended when used on onions.

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 PERIOD:

Onion and potatoes: 14 days

CONDITIONS OF SUPPLY: READ THESE CONDITIONS OF SUPPLY BEFORE BUYING AND USING. IF THESE CONDITIONS ARE UNACCEPTABLE, RETURN AT ONCE UNOPENED.

To the extent permitted by law Bayer does not accept any liability or responsibility whatsoever for any loss, damage or injury whether direct, indirect or consequential howsoever arising in connection with these goods, including without limitation their storage, application, handling or use. Bayer does not make any warranties (express or implied) with respect to fitness for purpose, merchantable quality or any other matter.



06-03-2018

To the extent only that Bayer is prevented by law from contracting out of the Consumer Guarantees Act, then these conditions apply subject to that Act. The Act shall not apply where these goods are acquired for business purposes.

Date of Expiry:
Batch No:

TNP® is a registered trademark of the Bayer Group

Bayer

Registered to:
Bayer New Zealand Limited
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EMERGENCY RESPONSE SERVICE (24 hrs) 0800 734 607



A handwritten signature in blue ink, appearing to be "Mark Zimmig".

06-03-2018