

ECOTOXIC



Nufarm

ENDGAME

FREE RECYCLING



AGRECOVERY

www.agrecovery.co.nz

Active Ingredient: 500g/kg pymetrozine
in the form of a water dispersible granule.

An insecticide for the control of aphids on lettuce,
potatoes, tamarillos, tomatoes, vegetable brassicas
and green peach aphid on peaches and nectarines
and whitefly on tamarillos and tomatoes.

Net: 1kg



9 414614 352539

08-17/PS/A0256-1KNZ1.2



Nufarm

Grow a better tomorrow.

HAZARD CLASSIFICATION

6.9B, 9.1C

This product must not be used for any purpose, or in any manner, contrary to this label unless authorised under appropriate legislation.

TOXICITY

- Harmful – may cause damage to reproductive organs from repeated oral exposure at high doses.

ECOTOXIC

- Harmful to aquatic organisms with long lasting effects. Avoid contamination of any water supply with product or empty container.

HANDLING PRECAUTIONS

STORAGE

- Keep out of reach of children.
- Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs. Storage must be in accordance with NZS 8409 Management of Agrichemicals.
- Stores containing 1000kg of Endgame require signage and more than 1000kg require emergency response plans.

PERSONAL PROTECTION

- Avoid skin and eye contact and inhalation of spray mist. When mixing or applying wear appropriate respiratory and eye protection, chemically resistant gloves and boots, waterproof hat, coat and trousers. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash protective clothing daily after work.

EQUIPMENT

- Apply using accurately calibrated and well maintained equipment. Clean equipment thoroughly after use.

DISPOSAL

- Triple rinse empty container and add rinsate to the spray tank. Recycle empty container. Otherwise crush and bury in a suitable landfill.
- Dispose of product only by using according to the label, or at an approved landfill.

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 or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If splashed in eyes, wash out immediately with water. If inhaled, move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped.

Spillage: Wear appropriate protective clothing. Prevent material from entering waterways. Contain liquid spills and absorb with inert material. Sweep up solids without creating dust. Wash spill area with water and detergent. Absorb with further inert material and dispose of waste safely in an approved landfill.

Registered pursuant to the ACVM Act 1997, No. P9086
See www.foodsafety.govt.nz for registration conditions.

Approved pursuant to the HSN0 Act 1996, Approval Code HSR000412

See www.epa.govt.nz for approval controls.

™Endgame is a trademark of Nufarm Limited.

™Contact is a trademark of Nufarm Limited.

Marketed by:

Nufarm Limited
6 Manu Street, Otahuhu,
Auckland, New Zealand
Tel: 09 270 4157
www.nufarm.co.nz

Nufarm emergency phonenumber: 0800 651 911 toll free 24 hours

Batch No:

D.O.M.:

Resistance Management:

Endgame contains a **GROUP 9 INSECTICIDE**

Resistance to this insecticide could develop from excessive use. To prevent or delay the development of resistance, use Endgame strictly in accordance with label directions and resistance management strategies (www.resistance.nzpps.org/) that exist for any insect pests listed on this label. The use of threshold monitoring and IPM programmes will allow optimum usage of the applications of Endgame. The removal of weeds from the crop and surrounding areas will assist in reducing the spread of plant viruses by aphids.

General Information:

Endgame has translaminar and systemic activity in the plant. Aphids and whitefly will cease to feed within hours of coming into direct contact or ingesting Endgame. Although they may still be present on the plant in the following days, they will no longer cause any damage.

Endgame is compatible with IPM programmes involving *Phytoseiulus persimilis*, *Amblyseius fallacis* and *Encarsia* spp and will not disrupt the activity of honey bees, although spraying should be avoided while bees are actively foraging.

DIRECTIONS FOR USE: Maintain agitation while mixing and during use. Agitate thoroughly after a stoppage before recommencing spraying.

It is an offence to use this product on animals.

Crop	Pests	Rate of Application	Comments
Lettuces	Lettuce aphids	400g/ha	Apply as a broadcast spray in sufficient water to give complete coverage without runoff. This is assisted with by the addition of a non-ionic wetting agent such as Contact Xcel. Application to wet foliage will reduce effectiveness. Apply at first sign of insect presence especially before populations build up and before the head formation of certain lettuce varieties. Repeat if necessary 7-14 days later. The closer interval is recommended under high aphid pressure. Apply no more than 3 applications per crop.

Crop	Pests	Rate of Application	Comments
Peaches, Nectarines	Green peach aphid	20g/100L water	Apply as a high volume spray to give complete coverage to the point of run-off. For concentrate spraying adjust dilution rate accordingly. Complete spray coverage of the foliage is necessary and this will be assisted by the addition of a non-ionic wetting agent such as Contact Xcel. Make a single application either at the first sign of aphid presence or alternatively during crop development when an IPM threshold monitoring system indicates the aphid threshold level is exceeded. For details on this monitoring system consult either Plant and Food Research or the Stonefruit Processor.
Potatoes	Aphids	200g/ha	Apply as a broadcast spray in sufficient water to give complete coverage without run-off. The addition of a wetting agent such as Contact Xcel will assist coverage. At the first sign of insect presence apply a single spray or a pair of sprays 7-14 days apart. The closer interval is recommended under high aphid pressure.
Tamarillos	Aphids, whitefly	40g/100L water as a dilute spray	For high volume spraying apply as a dilute spray ensuring complete coverage without excessive runoff. For concentrate spraying adjust the dilution rate accordingly. Apply no more than two applications at 7 to 14 day intervals at first sign of the pests. Alternation with other products is recommended. The use of other pest management tools such as the introduction of <i>Encarsia</i> spp is recommended.

Crop	Pests	Rate of Application	Comments
Tomatoes (field and glasshouse)	Aphids	200g/ha	Apply as a broadcast spray in sufficient water to give complete coverage without run-off. The addition of a wetting agent such as Contact Xcel will assist coverage. At the first sign of insect presence apply a single spray or a pair of sprays 7 to 14 days apart. The closer interval is recommended under high aphid or whitefly pressure. Alternation with other products is recommended. The higher rate is recommended where whitefly populations have established.
	Whitefly	200 to 400g/ha or 40g/100L water as a dilute spray	
Vegetable brassicas	Aphids	200g/ha	Apply as a broadcast spray in sufficient water to give complete coverage without run-off. The addition of a wetting agent such as Contact Xcel at label rates is essential to assist coverage on the waxy leaf surfaces. Application to wet foliage will reduce effectiveness. At the first sign of insect presence apply a single spray or a pair of sprays 7 to 14 days apart. The closer interval is recommended under high aphid pressure. Alternatively, Endgame can be applied under a reduced spray programme (IPM programme for brassicas) based on threshold monitoring. For further information on this system contact Plant and Food Research.

Compatibility: Endgame is compatible with commonly used fungicides and insecticides of neutral reaction. DO NOT apply with spraying oils.

Withholding Periods:

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.

Lettuces	7 days
Peaches, nectarines	28 days
Potatoes	7 days

Tamarillos	14 days
Tomatoes (field and glasshouse)	3 days
Vegetable brassicas	7 days

CONDITIONS OF SALE:

CAUTION: READ THIS NOTICE BEFORE OPENING THE CONTAINER

If you open this container you will be deemed to have accepted the conditions below.

The results from use of this product may be affected by factors beyond Nufarm's control, including mixing, use, climatic conditions, time of application, crop or crop stage and the possible development of resistance to the active ingredient, even though the product is reasonably fit for the purposes stated in this label, and even though label directions are followed. Nufarm will replace, free of charge, any product which is found to have a manufacturing defect. To the extent permitted by law, all other warranties, guarantees, representations and conditions, whether expressed or implied by law, trade, custom or otherwise are expressly excluded.

When you use this product, you agree that neither Nufarm Limited nor any manufacturer of any component of the product will be liable for any damage, injury or loss including consequential loss which arises in any way from the storage, handling, or use of the product. This exclusion of liability includes loss caused by negligent acts or omissions of Nufarm Limited or any supplier or manufacturer of the product or any of their employees and agents.

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