

CAUTION

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING



ACTIVE CONSTITUENT:
500 g/kg PYMETROZINE

GROUP 9B INSECTICIDE

For the control of Aphids in Brassica vegetables,
Potatoes and Stone Fruit.



APVMA Approval No.: 66407/53581

DIRECTIONS FOR USE**RESTRAINTS**

DO NOT apply more than 2 applications per crop.

DO NOT apply consecutive applications of ENDGAME (or other Group 9B insecticides) within or between seasons. This use is subject to a CropLife Australia resistance management strategy.

1. TABLE HEADING

CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Brassica Vegetables: Broccoli, Brussels sprouts, Cabbage (except Chinese cabbage), Cauliflowers only	Cabbage aphid Green peach aphid	200g/ha	14 days	Add a suitable wetting agent at recommended rates. Minimum retreatment interval 14 days.
Potatoes	Green peach aphid	200g/ha	Nil	Minimum retreatment interval 14 days.
Stone Fruit	Black peach aphid Green peach aphid	Dilute spray: 20g/100L water Concentrate spray: Refer to the Application – Stone Fruit section	4 weeks	Apply at first sign of aphid infestation. Apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. Refer to General Instructions for application information. Dilute spraying: If water volumes exceed 2000L per hectare, total rate of ENDGAME must not exceed 400g per hectare. Concentrate spraying: DO NOT use at rates greater than 80g per 100L of water.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORIZED UNDER APPROPRIATE LEGISLATION.

WITHHOLDING PERIOD:

Brassicas: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION

Potatoes: NOT REQUIRED WHEN USED AS DIRECTED

Stone fruit: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION

GENERAL INSTRUCTIONS**Mixing**

Add the required amount of ENDGAME to clean water in half filled spray tank with the agitator or by-pass in operation. Maintain agitation while filling tank with remainder of water. Agitation must also be maintained throughout the spray operation.

Application

To be effective ENDGAME requires thorough spray coverage. Ensure that equipment is properly calibrated to give an even distribution at the correct volume.

Brassicas and Potatoes: Apply as a spray in a minimum of 100 to 800L of water/ha. The use of hollow cone nozzles and droppers are recommended.

Stone fruit: The same quantity of ENDGAME per hectare should be used when spraying by either the dilute or concentrate method.

Dilute spraying:

- Use a sprayer designed to apply high volumes of water up to the point of run-off and matched to the crop being sprayed.
- Set up and operate the sprayer to achieve even coverage throughout the crop canopy. Apply sufficient water to cover the crop to the point of run-off. Avoid excessive run-off.
- The required water volume may be determined by applying different test volumes, using different settings on the sprayer, from industry guidelines or expert advice.
- Add the amount of product specified in the Directions for Use table for each 100L of water. Spray to the point of run-off.
- The required dilute spray volume will change and the sprayer set up and operation may also need to be changed, as the crop grows.

Concentrate Spraying:

- Use a sprayer designed and set up for concentrate spraying (that is a sprayer which applies water volumes less than those required to reach the point of run-off) and matched to the crop being sprayed. Apply a minimum of 500L water/ha.
- Set up and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen water volume.
- Determine an appropriate dilute spray volume (See *Dilute Spraying* above) for the crop canopy. This is needed to calculate the concentrate mixing rate.
- The mixing rate for concentrate spraying can then be calculated in the following way:
EXAMPLE ONLY
 1. Dilute spray volume as determined above: For example 2000L/ha
 2. Your chosen concentrate spray volume: For example 500L/ha
 3. The concentration factor in this example is: $4 \times$ (ie $2000L \div 500L = 4$)
 4. As the dilute label rate is 20g/100L for stone fruit, then the concentrate rate becomes 4×20 , that is 80g/100L of concentrate spray.
- The chosen spray volume, amount of product per 100L of water, and the sprayer set up and operation may need to be changed as the crop grows.
- Do not use a concentrate rate higher than that specified in the Critical Comments.
- For further information on concentrate spraying, users are advised to consult relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices.

INSECTICIDE RESISTANCE WARNING

GROUP	9B	HERBICIDE
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For insecticide resistance management, ENDGAME Insecticide is a Group 9B insecticide. Some naturally occurring insect biotypes resistant to ENDGAME and other Group 9B insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if ENDGAME or other Group 9B insecticides are used repeatedly. The effectiveness of ENDGAME on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Nufarm Australia Limited accepts no liability for any losses that may result from the failure of ENDGAME to control resistant insects. ENDGAME may be subject to specific resistance management strategies. For further information contact your local supplier, Nufarm Australia Limited representative or local agricultural department agronomist.

COMPATIBILITY

As formulations of other manufacturers' products are beyond the control of Nufarm Australia Limited, and water quality varies with location, all mixtures should be tested prior to mixing commercial quantities.

PRECAUTION

Re-entry Period: DO NOT allow entry into treated areas until the spray has dried. If prior entry is necessary, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

May be hazardous to aquatic invertebrates. DO NOT contaminate streams, rivers or waterways with the chemical or used container. DO NOT apply under meteorological conditions or from spraying equipment which could be expected to cause spray to drift onto adjacent areas, particularly wetlands, waterbodies or watercourses. DO NOT spray across open bodies of water.



spraywisedecisions.com.au is an online weather forecasting program and is recommended for use when planning your pesticide application.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight.

Single rinse before disposal. Add rinsing to spray tank. Do not dispose of undiluted chemicals on site. Puncture or shred and deliver empty packaging for appropriate disposal at an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.

SAFETY DIRECTIONS

Will irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container, preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and a washable hat and elbow-length PVC gloves. Wash hands after use. After each day's use, wash gloves and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126.

ADDITIONAL STATEMENTS (WHS REGULATIONS 2011)

Suspected of causing cancer.

SAFETY DATA SHEET

For further information refer to the Safety Data Sheet (SDS) which can be obtained from your supplier or from the Nufarm website – www.nufarm.com.au

In case of emergency: Phone 1800 033 498 Ask for shift supervisor. Toll free 24 hours.

CONDITIONS OF SALE

"Any provisions or rights under the Competition and Consumer Act 2010 or relevant state legislation which cannot be excluded by those statutes or by law are not intended to be excluded by these conditions of sale. Subject to the foregoing, all warranties, conditions, rights and remedies, expressed or implied under common law, statute or otherwise, in relation to the sale, supply, use or application of this product, are excluded.

Nufarm Australia Limited and/or its affiliates ("Nufarm") shall not accept any liability whatsoever (including consequential loss), or howsoever arising (including negligence) for any damage, injury or death connected with the sale, supply, use or application of this product except for liability which cannot be excluded by statute."

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Net Contents: 1-20kg

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(including negligence) for any damage, injury or death connected with the sale, supply, use or application of this product except for liability which cannot be excluded by statute."

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