



ECOTOXIC

TALENT[®]

INSECTICIDE

A specific insecticide for the control of codling moth on pipfruit and leafrollers on avocados, grapes, kiwifruit, nectarines, peaches and pipfruit

ACTIVE INGREDIENT: Contains 240 g/litre methoxyfenozide in the form of a suspension concentrate.

GSTA475/F03



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TALENT[®]
NET CONTENTS: 5 Litres

**Grosafe[®]**

TALENT®

HSNO Classification: Hazardous to the aquatic environment chronic Category 3.

ECOTOXICITY:

Harmful to aquatic organisms.
ENVIRONMENT: Do not mix or load near any body of water, avoid spray drift over, or spillage into open water. Avoid contamination of any water supply with chemical or empty container. Avoid drift outside the target area.

PERSONAL PROTECTION: When mixing wear a face mask or goggles, rubber gloves and overalls. Do not eat, drink or smoke while using. Wash hands and face before meals and after work. Wash protective clothing after use.

STORAGE: Store product in original container, tightly closed, in a cool, dry place. Keep out of reach of children, and away from foodstuffs. Storage must be in accordance with the current version of NZS 8409 Management of Agricultural chemicals. Stores containing more than 1000 L are subject to requirements for signage, secondary containment and emergency response plan.

Shelf life: When stored appropriately this product should show no significant degradation for two years from date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

SPILLS AND DISPOSAL: When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section. Absorb with sawdust, soil or sand. Collect in labelled drums that can be sealed for safe disposal. If spray mixture is spilled absorb and collect in drums as above. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

PRODUCT DISPOSAL: If possible dispose of by using according to the label, otherwise dispose of in an approved landfill or bury below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots.

CONTAINER DISPOSAL: Triple rinse and add rinseate to the spray tank. Dispose of via Agrecovery (www.agrecovery.co.nz) or at an approved landfill. **SAFETY DATA SHEET:** A safety data sheet is available from Grosafe Chemicals Ltd.

FIRST AID:

If swallowed do not induce vomiting. Rinse mouth. For advice call a doctor or the National Poisons Centre 0800 POISON (0800 764 766) (24 hrs). If on skin, wash with plenty of soap and water. If in eyes, flush with water for several minutes. Remove contact lenses if present and easy to do and continue flushing. If skin or eye irritation persists then get medical advice.

EMERGENCY RESPONSE 0800 CHEMICAL: (0800 243 622)

Application method:

Use either

- a sprayer designed to apply high volumes of water to the point of run-off, and matched to the crop being sprayed, or
- a sprayer designed and set up for concentrate spraying, and matched to the crop being sprayed.

Application is restricted to ground-based methods only

Cleaning the spray equipment: Rinsing: After using Talent® empty the spray unit and drain the entire system. Wash the inside of the tank with a pressure hose. Drain the spray unit, clean any filters and flush the tank, pump lines, hoses and nozzles. After cleaning as above, quarter fill the tank with clean water and circulate through the pump, lines, hoses, nozzles. Repeat the procedure.

Discard rinse water on already sprayed land, or on waste land away from water sources.

Mixing: Before pouring, shake the container well, then add the required quantity of Talent® to the partially filled spray tank. Agitate while mixing and spraying.

Rainfall: Do not apply if rainfall or overhead irrigation is expected within six hours.

Compatibility: Talent® is not compatible with spray oils. Mixtures with other pesticides should be tested on a small scale prior to commercial scale use.

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.

Avocados - 14 days* Nectarines - 14 days*

Grapes - Do not apply after 80% capfall Peaches - 14 days*

Kiwifruit - 120 days Pipfruit - 14 days*

*Consult your exporter for WHP for export markets

Grazing restriction: Do not feed treated crops or pasture to livestock. Do not allow this product to drift onto pasture or crops that may be grazed. Do not graze stock in orchards or vineyards that have been treated with Talent®.

Resistance Management

GROUP	18	INSECTICIDE
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Talent® is a diacylhydrazine insecticide (Group 18). Some individual target insects may become resistant from excessive use of the insecticide. To maximise effectiveness products based on alternate modes of action should be included in the spray programme. For guidance consult - <http://resistance.nzps.org/>.

DIRECTIONS FOR USE

It is an offence to use this product on animals.

Talent® is a new generation Moulting Accelerating Compound (MAC) which induces premature moulting in caterpillars. Feeding damage stops within 24 hours but insect death may take several days. Consult field advisors to identify alternative or additive treatments when non-target pests are present or expected.

Talent® can be used in Integrated Pest Management (IPM) programmes and may be applied during flowering, where appropriate, under the directions for use. Tests show no unacceptable effects on bees.

The rates below are for high volume spraying to the point of run-off. For concentrate spraying adjust the rate accordingly. Thorough coverage of the crop foliage is essential.

CROP	PEST	DOSE RATE	COMMENTS
Apples, Pears	Codling moth, leafrollers	37.5ml per 100L Apply 2000L/ha. Do not apply Talent® at less than 750ml/ha.	Apply at petal fall and repeat every 14 days at once on an IPM programme or when thresholds are exceeded. Apply no more than four times per season.
Avocados	Leafrollers including Light Brown Apple Moth	25ml per 100L. Do not apply at less than 500ml/ha. Maintain the 25ml/100L rate for mature trees and water rates greater than 2,000L/ha.	Start spraying at flowering and repeat at 3-4 week intervals as part of the seasonal leafroller spray programme. Do not apply more than 4 times per season.
Grapes		Apply 15-25ml per 100L. Apply at least 150ml/ha under moderate pest pressure and 250 ml/ha under severe pest pressure.	Apply a single application at 80% cap fall. If pest pressure remains high at pre-bunch closure use an alternative product such as Horticare® Spinosad SC.
Kiwifruit		Apply 15-25ml per 100L. Apply at least 300ml/ha under moderate pest pressure, and 500 ml/ha under severe pest pressure.	Apply at pre-bloom or late flowering, followed by two further applications at 14 day intervals.
Nectarines, Peaches		25ml per 100L Apply at least 500ml/ha.	Apply at petal fall and re-spray at 14 day intervals, or when thresholds are exceeded. Do not apply more than 4 times per season.

Registered pursuant to the ACVM Act 1979 No. P9066.

See www.foodsaftey.govt.nz for registration conditions

Approved pursuant to HSNO Act 1996, Approval code: HSR100924

See www.epa.govt.nz for approval conditions

WARRANTY This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer's control. The manufacturer declines all liability for damage resulting from improper storage or use of the product.

Registered Proprietor:

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Grosafe
CHEMICALS LTD

Date of Manufacture:

Batch No:

GSTA475/B03

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