

orion AGRISCIENCE

COMBUSTIBLE LIQUID | HARMFUL | ECOTOXIC
KEEP OUT OF REACH OF CHILDREN



TelemarkTM

INSECTICIDE / MITICIDE

For the control of a wide range of insects in
KIWIFRUIT, VEGETABLE BRASSICAS,
TOMATOES, KABOCHA and PUMPKINS



Active Ingredient:

100g/litre bifenthrin in the form of an emulsifiable concentrate



5 Litres



PLEASE READ THE LABEL COMPLETELY BEFORE USE



HAZARD CLASSIFICATIONS: 3.1D, 6.1D, 6.3A, 6.5B, 6.9A, 9.1A, 9.2C, 9.3B, 9.4A

WARNING: FLAMMABLE, TOXIC, ECOTOXIC

Combustible liquid. May be harmful if swallowed, inhaled or absorbed through the skin. May cause skin irritation, paraesthesia, or an allergic skin reaction. May cause organ damage from repeated exposure at high doses. Very toxic to aquatic organisms. Harmful to soil organisms. Toxic to terrestrial vertebrates. Very toxic to terrestrial invertebrates.

PRECAUTIONS

APPROVED HANDLER: This product must be under the control of an approved handler during use.

STORAGE: Keep out of reach of children. Do not store near heat, flame or other source of ignition. Store in the original, tightly closed container, in a secure area away from foodstuffs. Storage of certain quantities of this product trigger specific storage requirements (Refer to Safety Note). When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of product that is older than this.

PERSONAL PROTECTION: Avoid contact with eyes and skin. Avoid inhalation of vapour or spray mist. When mixing or applying, wear overalls, chemical resistant boots and gloves, head covering and eye protection. A respirator (organic vapour and particulate matter) is required where spray mist or vapour could be inhaled. Clean protective clothing daily after work. Wash contaminated clothing before reuse. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.

USE: Avoid handling, mixing or use of the undiluted product or container near heat, flame or other source of ignition. Apply with well maintained and calibrated spray equipment.

DISPOSAL: Dispose of this product only by using in accordance with this label, or at a suitable landfill. Do not burn. Triple rinse container and add rinseate to the spray tank. Triple rinse container and dispose of in a suitable landfill or agricultural recycling scheme. Do not burn. Do not use container for any other purpose.

ENVIRONMENTAL: Use this product carefully. Do not contaminate aquatic environments with product, spray drift or empty container. Do not allow spray drift outside the target area to occur. Very toxic to bees – Do not apply to any plant or tree likely to be visited by bees except in the evening when bees have stopped working.

First Aid

If swallowed do NOT induce vomiting. If splashed in eyes, wash out immediately with running water for several minutes. If skin or hair contact occurs, remove contaminated clothing and wash with soap and running water. If inhaled, immediately move to fresh air and rest. Maintain half upright position if breathing is difficult. Call the National Poisons Centre **0800 POISON (0800 764 766)** (24 hrs) or a doctor immediately for advice.

Emergency Response

In a transport emergency call 111, Police or Fire Brigade. For specialist advice in an emergency only, call **0800 CHEMCALL (0800 243 6225)** (24 hrs).

Spillage

Extinguish any ignition sources. Exclude non-essential people from the area. Wear protective clothing and prevent material from entering waterways. Absorb spill with inert material such as soil, sand, etc, and place in a waste container. Wash area with water and detergent, and absorb with further inert material. Dispose of safely to a suitable landfill.

Safety Data Sheet

Additional information is provided in the safety data sheet. Freephone **0800 ORIONAS (0800 674 6627)** or visit www.orionagriscience.co.nz

Registered pursuant to the ACVM Act 1997, No. P9546

See www.foodsafety.govt.nz for registration conditions.

Approved pursuant to the HSN0 Act 1996, No. HSR000277

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

™MEGAWET and TELEMAR are Trade Marks of Orion AgriScience Ltd

Registrant: Agsin Pte Ltd, Zagro Global Hub, 5 Woodlands Terrace, Singapore 738430

Distributor: Orion AgriScience Ltd, Unit 1, 15 Sir Gil Simpson Drive, Harewood, Christchurch 8053 www.orionagriscience.co.nz

Telemark™

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AGRISCIENCE

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GENERAL INFORMATION

Telemark is a broad spectrum synthetic pyrethroid insecticide/ miticide, and has activity against a wide range of chewing and sucking insects on kiwifruit, tomatoes, kabocha, pumpkins, and vegetable brassicas. Telemark kills pests through both contact and ingestion. Telemark is not systemic so coverage is essential.

MIXING

Partly fill the spray tank with water. Add the required quantity of Telemark. Agitate while adding the balance of water. Add a non-ionic wetting agent to improve wetting of the leaf surface if necessary.

COMPATIBILITY

Telemark is compatible with most commonly used fungicides and insecticides. Telemark is NOT compatible with lime sulphur or hydrogen cyanamide.

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.

Kiwifruit	: Do NOT apply after first female flowers open : Do NOT allow grazing animals to graze in treated areas
Field Tomatoes	: 3 days
Kabocha and Pumpkins	: Do NOT apply after flowering
Vegetable Brassicas	: 3 days

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RESISTANCE MANAGEMENT

GROUP	3	INSECTICIDE
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Telemark contains the synthetic pyrethroid bifenthrin. Resistance to this insecticide could develop from excessive use. To minimise this risk, use strictly in accordance with label instructions. Avoid using this insecticide exclusively all season and avoid unnecessary spraying. Maintain good cultural practices. Diamond back moth caterpillars – Use a maximum of two consecutive applications (less than 15 days apart). Do NOT use where resistance is known to exist. Tomato fruitworm – Do NOT apply before 7th January. Aphids – If necessary to spray twice for aphids, alternate with an insecticide with a different mode of action. If Tomato fruitworm is present in a squash crop prior to January 7th, do not spray Telemark in line with the tomato fruitworm strategy. Consult <http://resistance.nzpps.org/index.php> for alternative modes of action and details of resistance management strategies (if any) for the insect pests listed on the label.

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.

DIRECTIONS FOR USE

It is an offence to use this product on animals.

Crop	Pests controlled	Rate	Critical Comments
Kabocha, Pumpkins, Squash	Aphids	200 – 400 mL / ha	Make a single application pre-blossom. See resistance management section below
Kiwifruit	Armoured scales – dormant	For concentrate sprays: 600 mL / ha For dilute sprays: 40 mL / 100 L water (min. 600 mL / ha)	Timing: Apply at late dormant stage. For concentrate spraying apply in 600 – 1000 L of water / ha and add Megawet™ at 500 mL / ha. For dilute spraying apply in 1000 – 1500 L of water / ha
	Armoured scales, Leafrollers – Just before flowering	For concentrate sprays: 500 ml / ha For dilute sprays: 20 mL / 100 L water (min. 500 mL / ha)	Timing: Apply just before male vines begin to flower. For concentrate spraying apply 600 – 1000 L of water / ha and add Megawet at 500 mL / ha For dilute spraying apply 1500 – 2500 L water / ha
NOTE: Best armoured scale control with Telemark requires sprays at both timings			
Orchard surrounds	Cicada, Passion-vine hopper eggs	100 mL + 100 mL Engulf / 100 L of spray mix	When the surrounds contain significant sources of cicadas or PVH, such areas may be using suitable directed equipment to get good coverage, e.g. hand guns. Make application at the same time that the orchard is being treated. Follow all recommendations on the Engulf label. Mahoe, Blackberry, Wildberry and Bracken fern are favoured host plants for PVH.
Tomatoes (Field)	Tomato fruitworm, Aphids	250 – 500 mL / ha	Apply one application after January 7th when second generation of tomato fruitworms are present. Use non-synthetic pyrethroid products prior to January 7th to control first generation tomato fruitworms. See resistance management section below.
Vegetable Brassicas	Diamond back moth caterpillars, White butterfly caterpillars	250 – 500 mL / ha	Apply from emergence in alternation with a non-synthetic pyrethroid product. Add a non-ionic surfactant. See resistance management section below.

Note: Apply in sufficient water obtain complete coverage. For horticultural crops, the rates are for high volume spraying to run-off. For concentrate spraying adjust dilution rate accordingly. Use the high rate under high insect pressure and when spraying on a 10 – 14 day schedule Alternatively, use crop monitoring to determine when to spray for appropriate crops. For Passion-vine Hopper (PVH) and cicada overwintering eggs, application must be made with the addition of Engulf™.

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