

NET 400 g

HARMFUL
Keep out of reach of children
ECOTOXIC

Avuant[®] 30WG insecticide

For the control of Codling moth and Leafroller caterpillars (Light brown apple moth, Greenheaded leafroller, Brown-headed roller) in Apples and Pears, and Leafroller (Light brown apple moth) in Grapes

Active Ingredient: Contains 300 g/kg indoxacarb in the form of a water dispersible granule

GROUP	22A	INSECTICIDE
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READ LABEL BEFORE MIX AND APPLYING



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Registered pursuant to the ACVM Act 1997 No. P5355
See www.foodsafety.govt.nz for registration conditions
Approved pursuant to the HSNO Act 1996 Code HSR000578

HAZARD CLASSIFICATION

6.1D, 6.5B, 6.9A, 9.1A, 9.3B, 9.4A

APPROVED HANDLER

This product must be under the control of an approved handler during use.
Use of this product in any manner contrary to this label may be an offence under the HSNO Act.

HARMFUL – May be harmful if swallowed, inhaled or absorbed through the skin. May cause skin sensitisation from prolonged skin contact.

DANGER – May cause damage to the Hematopoietic system from repeated oral exposure at high doses.

ECOTOXIC - Very toxic to aquatic organisms. Avoid contamination of any water supply with product or empty container. Very toxic to terrestrial vertebrates. **DO NOT** allow spray drift outside the target area.

Bee safety: Activity of honey bees will not be disrupted provided Avaunt® 30WG insecticide is applied in non-foraging periods and once the spray has dried.

PRECAUTIONS

Keep out of reach of children.

Avoid skin and eye contact. Avoid breathing dust or spray mist. **DO NOT** eat, drink or smoke while using. When mixing or applying wear waterproof gloves, hat, overalls and footwear. Wash hands and face before meals and after work.

Store in original container, tightly closed and under lock and key. **DO NOT** store with Class 1, 2, 3.2, 4 or 5 substances or feed, seeds or foodstuffs. Stores containing more than 100 kg of this product require secondary containment and are subject to signage. When stored appropriately, this product should show no significant degradation for 2 years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

DISPOSAL

Container disposal: Ensure container is empty. Burn if circumstances, especially wind direction permit, otherwise bury in an approved landfill. **DO NOT** reuse container. Dispose of this product only by using according to this label. Always follow local authority requirements.

FIRST AID

If swallowed **DO NOT** induce vomiting. For advice, contact the National Poisons Centre 0800 POISON (0800 764766) or a doctor if feeling unwell. If spilt on skin, remove contaminated clothing and wash affected areas of skin. **DO NOT SCRUB THE SKIN**. If concentrate is splashed in eyes, flush with running water for at least 15 minutes. Take to hospital without delay. If inhaled, remove to fresh air. Take to hospital without delay.

SPILLAGE

Wear appropriate protective clothing. Shovel or sweep up and dispose of waste safely in an approved landfill.



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GENERAL INFORMATION

Avaunt® 30WG insecticide is a water dispersible granular insecticide to be mixed in water and applied as a spray for control of codling moth and leafroller caterpillars in apples and pears and leafroller caterpillars in grapes. After application insect feeding stops within 24 hours although death may take several days.

Avaunt® 30WG insecticide can be used in Integrated Pest Management (IPM) programmes.

DIRECTIONS FOR USE

It is an offence to use this product on animals.

Fill spray tank ¼ to ½ full of water. Add Avaunt® 30WG insecticide directly to the spray tank and disperse thoroughly using mechanical or hydraulic agitation. Apply using well maintained and accurately calibrated spray equipment.

The rates suggested are for high volume spraying. For concentrate spraying, adjust dilution rate accordingly.

CROP	INSECT	APPLICATION RATE	APPLICATION TIMING
Apples Pears	Codling moth Leafrollers	20 g/100 L (minimum of 400 g/ha)	Apply at petal fall and repeat at 14 day intervals. Alternatively monitor insect populations as per IFP guidelines and apply Avaunt® 30WG insecticide when thresholds are exceeded. DO NOT apply more than four applications in any one season.
Grapes	Leafroller	17 g/100 L (Adjust rate accordingly for concentrate spraying)	Apply at 80% capfall, with a second application if required, up to pre-bunch closure. Allow a minimum interval of 14 days between applications. Use a non-ionic surfactant/wetter at the recommended rate. Ensure thorough spray coverage. Apply a maximum of two sprays per season

WITHOLDING PERIOD

Apples, Pears – DO NOT apply within 5 days of harvest.

Grapes – DO NOT apply after bunch closure or within 56 days of harvest.

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

INSECTICIDE RESISTANCE WARNING

Avaunt® 30WG insecticide contains indoxacarb, a Group 22A insecticide. Unless directed otherwise in the specific crop/insect sections of the label, the following practices are recommended to prevent or delay the development of insecticide resistance to Avaunt® 30WG insecticide and to Group 22A insecticides;

- Apply Avaunt® 30WG insecticide or other Group 22A insecticides using a “window” approach to avoid exposure of consecutive insect pest generations to the same mode of action. Multiple successive applications of Avaunt® 30WG insecticide are acceptable if they are used to treat a single insect generation.
- Following a “window” of Avaunt® 30WG insecticide or other Group 22A insecticide, rotate to a “window” of applications of effective insecticides with a different mode of action.



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- The total exposure period of all “Group 22A-active windows” applied throughout the crop cycle (from seedling to harvest) should not exceed 50% of the crop cycle.
- Incorporate IPM techniques into the overall pest management program.
- Monitor insect populations for loss of field efficacy.

Avaunt® 30WG insecticide may be subject to alternative resistance management strategies, refer to <http://resistance.nzpps.org> for specific pest strategies.

If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local farm chemical supplier, consultant, or local FMC representative for the best alternate method of control for your area.

Since the occurrence of resistant individuals is difficult to detect prior to use FMC accepts no liability for any losses that may result from the failure of Avaunt® 30WG insecticide to control resistant insects. For additional information on insect resistance, modes of action and monitoring visit the Insecticide Resistance Action Committee (IRAC) on the web at <http://www.irc-online.org>.

COMPATIBILITY

Experience to date suggests Avaunt® 30WG insecticide is compatible with other commonly used fungicides, insecticides and foliar fertilizers.

RECORD KEEPING

Records of use, as described in NZS 8409 - Management of Agrichemicals must be kept.

NOTICE TO BUYER

FMC warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use of application, all of which are beyond the control of FMC. To the extent permitted at law FMC shall not be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer.

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