

Environmental Information Sheet

REFLECT®

MAPP 18573



An EC formulation containing 125 g/litre isopyrasam, a foliar fungicide for use on carrot and protected crops of aubergine, courgette, summer squash, cucumber, tomato and melon.

Maximum application rate: 1.0 litres/product/ha (carrots)

Maximum application rate: 0.1 litres product/100 litres (all protected crops)

Maximum no. of applications: 2 per crop

Section	Profile
1. WILDLIFE Mammals and birds	Reflect is not classified as " <i>Harmful to game, wild birds and animals</i> ". No risk management is necessary to protect mammals and birds. Reflect is of low toxicity to mammals and birds. The risk to wild mammals and birds feeding on treated areas is low due to the limited amount of residues likely to be consumed.
2. BEES	No risk management is necessary. Reflect is of low risk to honey bees.
3. NON-TARGET INSECTS AND OTHER ARTHROPODS	No risk management is necessary. Reflect poses a low risk to a range of arthropod species commonly found in and around treated fields, including predatory beetles, predatory mites and parasitic wasps.
4. AQUATIC LIFE	Reflect is classified as ' <i>Very toxic to aquatic life with long lasting effects</i> '. Reflect is extremely toxic to aquatic invertebrates and fish, it is also moderately toxic to algae. Care must be taken to ensure that surface waters or ditches are not contaminated with the product or the used container. Risk management is essential. Reflect can be used safely providing care is taken to prevent spray drift reaching surface waters. The following risk management practices must be carried out in order to ensure that there is adequate protection for aquatic species: <i>'Do not allow direct spray from horizontal boom sprayers to fall within 5m of the top of the bank of a static or flowing waterbody, unless a Local Environmental Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1m of the top of a ditch which is dry at the time of application. Aim spray away from water'</i> . Buffer zone may be reduced (see LERAP Guidelines).

<p>5. SOIL and GROUNDWATER</p> <p>Earthworms</p> <p>Soil micro-organisms</p>	<p>Isoprazam is very persistent in soil under field conditions. Isoprazam is absorbed to soil and therefore has low mobility in soil. Consequently there is a low risk of groundwater contamination.</p> <p>Reflect is of low toxicity to earthworms and the risk to earthworms is low, and so risk management is not necessary.</p> <p>Reflect is unlikely to have any long-term effect on soil microbial activity. The risk is therefore considered to be low. No risk management is necessary.</p>
<p>6. NON-TARGET PLANTS</p>	<p>When used as recommended, Reflect is not expected to have adverse effects on non-target plants.</p>

USE PLANT PROTECTION PRODUCTS SAFELY. ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE. FOR FURTHER PRODUCT INFORMATION INCLUDING WARNING PHRASES AND SYMBOLS, REFER TO THE ADAMA AGRICULTURAL SOLUTIONS UK LTD WEBSITE (WWW.ADAMA.COM).

Care must be taken to minimise the risk of surface water contamination from farmyard and field sources.

For further information about the environmental profile of this product contact:-

Adama Agricultural Solutions UK Ltd
Unit 15
Thatcham Business Village
Colthrop Way
Thatcham
Berkshire
RG19 4LW
Tel: 01635 860555
Technical Helpline: 01635 876622
www.adama.com
Email: ukenquiries@adama.com

This Environmental Information Sheet was prepared in accordance with CPA Guidance Notes Version 4.

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