

Environmental Information Sheet

ELAND MAFF/MAPP 14549



A water dispersible granule containing 200g/kg pyraclostrobin (strobilurin fungicide) for use in managed amenity turf.

Maximum application rate: 1.25 kg/ha (250 g a.s./ha)

Maximum total dose/crop: 2.5 kg/ha (500 g a.s./ha)

Section	Profile
<p>1. WILDLIFE</p> <p>Mammals and Birds</p>	<p>Insignia is not classified as 'Harmful to game, wild birds and animals'.</p> <p>No risk management necessary to protect wild mammals and birds. Pyraclostrobin, the active ingredient in Insignia, is of low toxicity to mammals and birds. The risk to wild mammals and birds grazing on treated areas is low, as is the risk due to exposure from other routes, e.g. consumption of earthworms or other invertebrates such as insects.</p>
<p>2. BEES</p>	<p>No risk management necessary. Insignia is of low risk to honeybees.</p>
<p>3. NON TARGET INSECTS AND OTHER ARTHROPODS</p>	<p>No risk management necessary.</p> <p>Insignia is of low risk to a range of arthropod species commonly found in and around treated areas, including predatory mites and aphid parasitoids.</p>
<p>4. AQUATIC LIFE</p>	<p>Insignia is classified as "Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment"..</p> <p>Insignia is of extreme toxicity to fish and aquatic invertebrates such as water flea and of high toxicity to algae. "Do not contaminate surface waters and ditches with chemical or used container." Risk management is essential. Insignia 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 of aquatic species.</p> <p><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 water body, 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. DO NOT ALLOW DIRECT SPRAY from hand-held sprayers to fall within 1m of the top of the bank of a static or flowing water body. Aim spray away from water."</i></p> <p>LERAP Category B. Buffer zones maybe reduced (see LERAP Guidelines).</p>

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<p>5. SOIL and GROUNDWATER</p> <p>Earthworms</p> <p>Soil Micro-organisms</p>	<p>No risk management necessary. Pyraclostrobin is moderately persistent in soil and is strongly adsorbed to soil and is therefore not mobile. It has been shown to remain in the top 10cm of soil and consequently the risk of groundwater contamination is low.</p> <p>No risk management necessary. Pyraclostrobin is of moderate toxicity to earthworms, but at recommended application rates the risk to earthworms is low.</p> <p>No risk management necessary. No effects on soil microbial processes were found and so the risk is considered to be low.</p>
<p>6. NON-TARGET PLANTS</p>	<p>When used as recommended, Insignia is not expected to have adverse effects on non-target plants.</p>

ALWAYS READ THE LABEL: USE PESTICIDES SAFELY

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

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