

Environmental Information Sheet

HEADWAY MAFF/MAPP 14396



An EC formulation containing 62.5 g/litre azoxystrobin and 104 g/litre propiconazole, a triazole fungicide for use on managed amenity turf and amenity grassland.
 Maximum application rate: 3.0 litres product/ hectare
 Maximum total dose: 12.0 litres product/hectare/crop
 Maximum no. of applications: 4 per year

Section	Profile
<p>1. WILDLIFE</p> <p>Mammals and Birds</p>	<p>Headway is not classified as <i>'Harmful to game, birds and wildlife'</i></p> <p>No risk management is necessary to protect mammals and birds. Headway is of low-moderate 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.</p>
<p>2. BEES</p>	<p>No risk management is necessary as Headway poses a low risk to honey bees.</p>
<p>3. NON TARGET INSECTS AND OTHER ARTHROPODS</p>	<p>Headway poses a <i>'Risk to non-target insects or other arthropods'</i>.</p> <p>Risk management is advised. Applications of Headway can adversely affect non-target insect species. Precautions should be taken to avoid spray reaching hedgerows, beetle banks, conservation headlands. Field studies have shown that effects are transitory and that populations will return to pre-treatment levels by recolonisation from untreated areas, providing suitable insect prey are available. <i>'For applications by vehicle/drawn hydraulic boom sprayer, avoid spraying within 5m of unmanaged land (including rough grassland) to reduce effects on non-targets or other arthropods.'</i></p>

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<p>4. AQUATIC LIFE</p>	<p>Headway is classified as “<i>Very Toxic to aquatic organisms</i>”.</p> <p>Headway is very toxic to fish and aquatic invertebrates and toxic to algae. Care must be taken to ensure that surface waters or ditches are not contaminated with the product or used container.</p> <p>Risk management is essential. Headway can be safely used providing care is taken to ensure that surface waters or ditches are not contaminated with the product or used container. The following risk management practices must be carried out To ensure 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 of 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 waterbody. Aim spray away from water.’</i></p> <p>LERAP Category B scheme. Buffer zones may be reduced (see LERAP Guidelines).</p>
<p>5. SOIL and GROUNDWATER</p> <p>Earthworms</p> <p>Soil Micro-organisms</p>	<p>Propiconazole is moderately to very persistent in soil and has a low soil mobility. Azoxystrobin is moderately persistent in soil and has a moderate mobility in soil. If Headway is used as recommended there is a low risk of groundwater contamination.</p> <p>Headway is of low toxicity to earthworms and so will pose a low risk to earthworm populations in and around treated fields. No risk management necessary.</p> <p>No risk management is 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>Propiconazole and azoxystrobin have low activity on plants. When used as recommended Headway is not expected to have adverse effects on non-target plants.</p>

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ALWAYS READ THE LABEL: USE PESTICIDES SAFELY

Care must be taken to minimise the risk of surface water contamination from golf courses and other amenity areas.

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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