

Environmental Information Sheet

SWING GOLD MAFF/MAPP 11658



A suspension concentrate formulation containing 133 g/litre dimoxystrobin (strobilurin fungicide) + 50 g/litre epoxiconazole (triazole fungicide) for use in winter wheat

Maximum individual dose: 1.5 litres/ha (200 + 75 g a.s./ha)

Maximum number of treatments: One per crop

Section	Profile
<p>1. WILDLIFE</p> <p>Mammals and Birds</p>	<p>Swing Gold is not classified as <i>"Harmful to game, wild birds and animals"</i>.</p> <p>No risk management necessary to protect wild mammals and birds. Epoxiconazole and dimoxystrobin the active substances in Swing Gold, are of low toxicity to mammalian and bird species. The risk to wild mammals and birds due to consumption of earthworms or other invertebrates such as insects is low.</p>
<p>2. BEES</p>	<p>No risk management is necessary. Swing Gold is of low risk to bees.</p>
<p>3. NON TARGET INSECTS AND OTHER ARTHROPODS</p>	<p>No risk management is necessary. Swing Gold is of low risk to a range of arthropod species commonly found in and around treated cereal fields, e.g. ground beetles, lacewings, spiders and aphid parasitoids.</p>
<p>4. AQUATIC LIFE</p>	<p>Swing Gold is <i>"Very Toxic To Aquatic Organisms, May Cause Long Term Adverse Effects In The Aquatic Environment"</i>.</p> <p>Swing Gold is extremely toxic to fish, aquatic invertebrates and algae.</p> <p><i>"Do not contaminate surface waters or ditches with chemical or used container"</i>.</p> <p>Risk management is essential. Swing Gold 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 5 m of the top of the bank of a static or flowing water body, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 m of the top of a ditch which is dry at the time of application. 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. Dimoxystrobin is very persistent in soil with moderate mobility. Modelling and lysimeter studies have shown the risk of ground water contamination is low. Epoxiconazole is very persistent in soil with low mobility. It has been shown to remain in the top 10cm of soil and consequently the risk of ground water contamination is low.</p> <p>No risk management necessary. Swing Gold is of moderate toxicity to earthworms. At recommended rates, however, the risk to earthworms is low. Field studies have also demonstrated that Swing Gold is unlikely to have any adverse effect on earthworm populations in the long-term.</p> <p>No risk management necessary. At the recommended application rate, Swing Gold has no effects on soil microbial respiration, nitrogen turnover and on straw decomposition. The risk to soil microbial activity is therefore low.</p>
<p>6. NON-TARGET PLANTS</p>	<p>Swing Gold carries the warning phrase "<i>Avoid spray drift on to neighbouring crops</i>".</p> <p>Care should be taken to minimise the drift of Swing Gold into conservation headlands, beetle banks and field boundaries such as hedgerows, which may provide an important habitat for wild flowers.</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:-

BASF plc, P.O. Box 4, Earl Road, Cheadle Hulme, Cheshire SK8 6QG
 Telephone: 0161 485 6222 Fax: 0161 486 0891

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

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