

# Environmental Information Sheet

## MACCANI MAPP 13227



A WDG formulation containing 4% w/w pyraclostrobin (strobilurin fungicide) and 12% w/w dithianon (quinone fungicide) for use in apple and pear

Maximum individual dose: 2.5 kg/ha (100 + 300 g a.s./ha)

Maximum number of treatments: 4 per crop

Section	Profile
<p><b>1. WILDLIFE</b></p> <p><b>Mammals and Birds</b></p>	<p>Maccani 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. Pyraclostrobin and dithianon, the active substances in Maccani, are of low toxicity to mammalian and bird species. The risk to wild mammals grazing on treated areas is low, as is the risk to wild mammals and birds due to exposure from other routes, e.g. consumption of earthworms or other invertebrates such as insects.</p>
<p><b>2. BEES</b></p>	<p>No risk management is necessary. Maccani is of low risk to bees.</p>
<p><b>3. NON TARGET INSECTS AND OTHER ARTHROPODS</b></p>	<p>No risk management is necessary. Maccani poses a low risk to a range of arthropod species commonly found in and around treated fields e.g. predatory mites, aphid parasitoids, lacewings and beetles.</p>
<p><b>4. AQUATIC LIFE</b></p>	<p>Maccani is classified as <i>“Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment”</i>.</p> <p>Maccani is extremely toxic to fish and aquatic invertebrates e.g. water flea and highly toxic to algae.</p> <p><i>“Do not contaminate surface waters or ditches with chemical or used container”</i>.</p> <p>Risk management is essential. Maccani 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 broadcast air-assisted spraying equipment to fall within 40 m 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 5 m of the top of a ditch which is dry at the time of application. Aim spray away from water.”</i></p> <p>Broadcast air-assisted LERAP. Buffer zones maybe reduced (see LERAP Guidelines).</p>

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<p><b>5. SOIL and GROUNDWATER</b></p> <p><b>Earthworms</b></p> <p><b>Soil Micro-organisms</b></p>	<p>No risk management necessary. Pyraclostrobin is moderately persistent in soil. Pyraclostrobin is strongly adsorbed to soil and is therefore not mobile. It has been shown to remain in the top 10cm of soil. Dithianon has low persistence in soil.</p> <p>Use of Maccani according to the label presents a low risk to groundwater.</p> <p>No risk management necessary. Maccani is moderately toxic to earthworms. However, at recommended application rates the risk to earthworms is low.</p> <p>No risk management necessary. At the recommended application rate, Maccani has no effects on soil microbial respiration and nitrogen turnover. The risk to soil microbial activity is therefore low.</p>
<p><b>6. NON-TARGET PLANTS</b></p>	<p>When used as recommended Maccani 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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