

Environmental Information Sheet

TUCANA MAFF/MAPP 10899



An emulsifiable concentrate containing 250 g/l pyraclostrobin (strobilurin fungicide) for use in cereals.

Maximum application rate: 1 l/ha (250 g a.s./ha)

Maximum Number of treatments: Two (500 g a.s./ha)

Section	Profile
<p>1. WILDLIFE</p> <p>Mammals and Birds</p>	<p>Tucana 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, the active ingredient in Tucana, is of low toxicity to mammalian and bird species. 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. Tucana is of low risk to honeybees.</p>
<p>3. NON TARGET INSECTS AND OTHER ARTHROPODS</p>	<p>No risk management necessary. Tucana poses a low risk to a range of arthropod species commonly found in and around treated fields e.g. ground beetles, ladybirds, lace wings and aphid parasitoids.</p>
<p>4. AQUATIC LIFE</p>	<p>Tucana is classified as "<i>Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.</i>"</p> <p>Tucana is of extreme toxicity to fish, aquatic invertebrates and algae.</p> <p><i>"Do not contaminate water with the product or its container. Do not clean equipment near surface water. Avoid contamination via drains from farmyards and roads."</i></p> <p>Risk management is essential. Tucana 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 there is adequate protection for 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. Aim spray away from water."</i></p> <p>LERAP Category B. Buffer zones may be reduced (see LERAP Guidelines).</p>

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5. SOIL and GROUNDWATER Earthworms Soil Micro-organisms	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 and consequently there is negligible risk of groundwater contamination. No risk management necessary. Tucana is of moderate toxicity to earthworms, but at recommended application rates, the risk to earthworms is low. No risk management necessary. At the recommended application rate, Tucana has negligible effects on soil microbial respiration or nitrogen turnover.
6. NON-TARGET PLANTS	Tucana should have no adverse effect on field margin plants.

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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