

Environmental Information Sheet

MASAI MAPP 18287



A 20% w/w wettable powder (WP) formulation containing tebufenpyrad, a pyrazole acaricide for use in apples and pears.
 Maximum application rate: 500 g product/ha.
 Maximum number of applications: One per crop.
 A maximum concentration of 500 g product/ 250- 2000 litres of water must not be exceeded.

Section	Profile
<p>1. WILDLIFE</p> <p>Mammals and Birds</p>	<p>Masai is not classified as 'Harmful to game, wild birds and animals'.</p> <p>No risk management necessary to protect wild mammals and birds. Tebufenpyrad, the active substance in Masai, is of moderate toxicity to mammals and low toxicity to birds. The risk to wild mammals and birds grazing 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. Masai is of low risk to honeybees.</p>
<p>3. NON TARGET INSECTS AND OTHER ARTHROPODS</p>	<p>Masai is an acaricide and may adversely affect non-target insect species.</p> <p><i>RISK TO NON-TARGET INSECTS OR OTHER ARTHROPODS.</i> <i>The best available application technique, which minimises off-target drift should be used to reduce effects on non-target insects or other arthropods.</i></p>
<p>4. AQUATIC LIFE</p>	<p>Masai is classified "Very toxic to aquatic life with long lasting effects". Masai is extremely toxic to fish, algae and aquatic invertebrates e.g. water flea. "Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads."</p> <p>Risk management is essential. Masai 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. <i>"DO NOT ALLOW DIRECT SPRAY from broadcast air-assisted sprayers to fall within 30m of the top of the bank of a static or flowing waterbody, unless a Local Environmental Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 5m 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>Tebufenpyrad is of moderate persistence in soil and is strongly absorbed and not mobile. No risk management necessary. Use of Masai as recommended presents low risk to groundwater.</p> <p>No risk management necessary. Masai is of moderate toxicity to earthworms. However, at recommended application rates, the risk to earthworms is low.</p> <p>No risk management necessary. The risk to soil microbial functions following exposure to tebufenpyrad is low.</p>
<p>6. NON-TARGET PLANTS</p>	<p>When used as recommended Masai 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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