

Environmental Information Sheet

CANOPY MAPP 16314



A suspension concentrate containing 50 g/l prohexadione (an acylcyclohexanedione) and 300 g/l mepiquat chloride (quaternary ammonium compound), a plant growth regulator for use in winter wheat, winter and spring barley, oats, winter rye and winter triticale..

Maximum individual dose: 1.5 litres product/ha

Maximum total dose: 1.5 litres product/ha

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Section	Profile
<p>1. WILDLIFE</p> <p>Mammals and Birds</p>	<p>Canopy 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.</p> <p>Prohexadione is of low toxicity to mammalian and bird species. Mepiquat is of low toxicity to birds and moderate toxicity to mammals. 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 insects, due to the limited amount of residues likely to be consumed.</p>
<p>2. BEES</p>	<p>No risk management necessary. Canopy is of low risk to bees.</p>
<p>3. NON TARGET INSECTS AND OTHER ARTHROPODS</p>	<p>No risk management necessary. Canopy is of low risk to a range of arthropod species commonly found in and around treated fields, e.g. beetles and aphid parasitoids.</p>
<p>4. AQUATIC LIFE</p>	<p>Canopy is Harmful to aquatic life with long lasting effects. "<i>Do not contaminate surface waters of ditches with chemical or used container</i>".</p> <p>Prohexadione is of low toxicity to fish and aquatic invertebrates, e.g. water flea and of high toxicity to algae and aquatic plants, e.g. duckweed.</p> <p>Mepiquat is of low toxicity to fish, of moderate toxicity to aquatic invertebrates e.g. water flea and algae and of high toxicity to aquatic plants, e.g. duckweed.</p> <p>No risk management necessary. However care should always be taken to ensure that surface waters or ditches are not contaminated through spillage or with the used container.</p> <p>Not categorised under the LERAP scheme.</p>

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<p>5. SOIL and GROUNDWATER</p> <p>Earthworms</p> <p>Soil Micro-organisms</p>	<p>No risk management necessary. Prohexadione-calcium is impersistent in soil and moderately mobile in soil. Mepiquat chloride is of low persistence in soil and of low mobility. Use of Canopy as recommended presents a low risk to groundwater.</p> <p>No risk management necessary. Prohexadione-calcium and Mepiquat are of moderate toxicity to earthworms. However, at recommended application rates the risk to earthworms is low.</p> <p>No risk management necessary. At the recommended application rate Canopy is of low risk to soil microbial respiration and nitrogen turnover.</p>
<p>6. NON-TARGET PLANTS</p>	<p><i>"Avoid spray drift onto neighbouring crops".</i></p> <p>When used as recommended Canopy is not expected to have adverse effects on non-target plants. However, as Canopy is a plant growth regulator care should always be taken to minimise drift when applying close to field boundaries.</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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