

Environmental Information Sheet

DELAN PRO MAPP 17374



A suspension concentrate formulation containing 125 g/l dithianon and 561 g/l potassium phosphonates, a fungicide for use in apples and pears.

Maximum individual dose: 2.5 litres product/ha

Maximum total dose: 15 litres product/ha

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Section	Profile
<p>1. WILDLIFE</p> <p>Mammals and Birds</p>	<p>Delan Pro 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>Potassium phosphonates are of moderate toxicity to mammals and low toxicity bird species. Dithianon is of moderate toxicity to birds and mammals.</p> <p>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. Delan Pro is of low risk to bees.</p>
<p>3. NON TARGET INSECTS AND OTHER ARTHROPODS</p>	<p>No risk management necessary. Delan Pro is of low risk to a range of arthropod species commonly found in and around treated fields, e.g. predatory mites and aphid parasitoids.</p>
<p>4. AQUATIC LIFE</p>	<p>Delan Pro is "<i>Very toxic to aquatic life with long lasting effects</i>". "<i>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.</i>"</p> <p>Potassium phosphonates are of low toxicity to fish, algae and aquatic invertebrates, e.g. water flea. Dithianon is of extreme toxicity to fish, algae and aquatic invertebrates, e.g. water flea.</p> <p>Risk management is essential. Whilst the toxicity of Delan Pro to aquatic invertebrates and fish is extremely high, the product may be used safely providing care is taken to prevent spray drift reaching surface waters The following risk management practices must be carried out:- "<i>DO NOT ALLOW DIRECT SPRAY from broadcast air-assisted sprayers to fall within 30 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 5m of the top of a ditch which is dry at the time of application. Aim spray away from water</i>".</p> <p>Delan Pro is categorised under the LERAP scheme for Broadcast Air-Assisted Sprayers.</p>

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<p>5. SOIL and GROUNDWATER</p> <p>Earthworms</p> <p>Soil Micro-organisms</p>	<p>No risk management necessary. Potassium phosphonates are very persistent and highly mobile in soil. Dithianon is of low persistence and low mobility in soil. Use of Delan Pro as recommended presents a low risk to groundwater.</p> <p>No risk management necessary. Potassium phosphonates and Dithianon 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 Delan Pro is of low risk to soil microbial respiration and nitrogen turnover.</p>
<p>6. NON-TARGET PLANTS</p>	<p>When used as recommended Delan Pro 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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