

Environmental Information Sheet

DITHIANON WG MAPP 17018



A water dispersible granule (WG) formulation containing 70 % w/w dithianon (quinone fungicide) for the control of scab on apples and pears.

Maximum application rate 0.5kg product/ha product in 200 to 1000 litres water.

Maximum no. applications: 6/year

Section	Profile
<p>1. WILDLIFE</p> <p>Mammals and Birds</p>	<p>Dithianon WG is not classified as 'Harmful to game, wild birds and animals'. No risk management necessary to protect wild mammals and birds.</p> <p>Dithianon, the active substance in Dithianon WG is of moderate toxicity to birds. The risk to wild birds feeding on treated areas is low due to the limited amount of residues likely to be consumed.</p>
<p>2. BEES</p>	<p>No risk management necessary. Dithianon WG is of low risk to bees.</p>
<p>3. NON TARGET INSECTS AND OTHER ARTHROPODS</p>	<p>No risk management necessary.</p> <p>Dithianon WG poses a low risk to a range of arthropod species commonly found in and around treated fields, including lacewings, spiders and aphid parasitoids.</p>
<p>4. AQUATIC LIFE</p>	<p>Dithianon WG is classified as "<i>Very toxic to aquatic life with long lasting effects</i>".</p> <p>Dithianon WG, has extreme toxicity to fish, algae and aquatic invertebrates e.g. water flea. "<i>Do not contaminate surface waters or ditches with chemical or used container</i>".</p> <p>When Dithianon WG is used according to the label instructions there will not be sufficient contamination of water to present a risk to aquatic life.</p> <p>Dithianon WG is categorised under the LERAP scheme. <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, 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>

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<p>5. SOIL and GROUNDWATER</p> <p>Earthworms</p> <p>Soil Micro-organisms</p>	<p>Dithianon has low persistence in soil.</p> <p>No risk management necessary. Use of Dithianon WG as recommended presents low risk to groundwater.</p> <p>No risk management necessary. Dithianon WG is moderately toxic to earthworms. However, at recommended application rates the risk to earthworms is low.</p> <p>No risk management necessary. No effect on soil microbial processes were found and so the risk is considered to be low.</p>
<p>6. NON-TARGET PLANTS</p>	<p>When used as recommended Dithianon WG 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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