

Environmental Information Sheet

WING-P MAFF/MAPP 15425



An emulsifiable concentrate containing 212.5 g/litre dimethenamid-P and 250 g/l pendimethalin for use in grain and forage maize.

Maximum individual dose: 4.0 l/ha (850 + 1000 g a.s./ha)

Maximum total dose: 4 l product / ha / crop

| Section | Profile |
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| <p>1. WILDLIFE</p> <p>Mammals and Birds</p> | <p>Wing-P 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. Dimethenamid-P is of moderate toxicity to mammals and of low to moderate toxicity to birds. Pendimethalin is of low toxicity to mammals and of moderate toxicity to birds. 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.</p> |
| <p>2. BEES</p> | <p>No risk management is necessary. Wing-P is of low risk to bees.</p> |
| <p>3. NON TARGET INSECTS AND OTHER ARTHROPODS</p> | <p>No risk management is necessary. Wing-P is of low risk to a range of arthropod species commonly found in and around treated fields, e.g. ground beetles, aphid parasitoids and predatory mites.</p> |
| <p>4. AQUATIC LIFE</p> | <p>Wing-P is <i>"Very Toxic To Aquatic Organisms, May Cause Long Term Adverse Effects In The Aquatic Environment"</i>.</p> <p>Wing-P is of extreme toxicity to algae and aquatic plants and of high toxicity to fish and aquatic invertebrates, e.g. water flea.</p> <p><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>Risk management is essential. Wing-P 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.</p> <p><i>"To protect aquatic organisms respect an unsprayed buffer zone to surface water bodies in line with LERAP requirements. DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5m 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 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 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>No risk management necessary. Dimethenamid-P is of moderate persistence in soil with moderate mobility. Pendimethalin is very persistent in soil and is strongly adsorbed and not mobile. Use of Wing-P as recommended is of low risk to ground water.</p> <p>No risk management necessary. Wing-P is of moderate toxicity to earthworms.</p> <p>No risk management necessary. At the recommended application rate, Wing-P has no effect on soil microbial processes, therefore the risk to soil microbial activity is low.</p> |
| <p>6. NON-TARGET PLANTS</p> | <p><i>“Extreme care should be taken to avoid damage by drift onto plants outside the target area”</i></p> <p>Wing-P is a herbicide with activity against annual grass and broadleaved weeds and may be harmful to some species of wild flowers which are found in the margins of fields. Therefore care should always be taken to minimise drift when applying Wing-P 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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