

# Environmental Information Sheet

## MAGNETO MAFF/MAPP 12339

For CPA  
Office use  
only

A 120g/L dicamba and 344g/L 2,4-D SL formulation, a herbicide for the selective control of annual and perennial broad leaved weeds in Established Agricultural Grassland and Amenity Grassland.

Maximum application rate: 3.5 litres/ha (420 g dicamba/ha and 1204 g 2,4-D/ha)

Maximum no. applications: 2 per year

| Section   | Profile   |
|---|---|
| <p>1. WILDLIFE</p> <p>Mammals and Birds</p>       | <p>Magneto is not classified as '<i>Harmful to game and wildlife</i>'</p> <p>Magneto is of moderate toxicity to birds and mammals. It is recommended that livestock should be kept out of treated areas for at least 7 days after application.</p> <p>No risk management is necessary to protect wild mammals and birds as Magneto is of low risk to mammals and birds grazing in treated areas.</p>  |
| <p>2. BEES</p>                                    | <p>No risk management necessary and there is no requirement to avoid application of the product when bees maybe foraging on flowering weeds.</p>  |
| <p>3. NON TARGET INSECTS AND OTHER ARTHROPODS</p> | <p>No risk management necessary</p> <p>Magneto poses a low risk to a range of arthropod species commonly found in and around treated areas, including aphid parasitoids, predator mites and rove beetles.</p>   |
| <p>4. AQUATIC LIFE</p>                            | <p>Magneto is classified as '<i>TOXIC TO AQUATIC ORGANISMS</i>'</p> <p>Magneto is of low toxicity to fish and daphnia, of high toxicity to algae and extremely toxic to certain aquatic higher plants such as duckweeds (<i>Lemna</i>). Care should be taken to minimise drift when applying Magneto next to shallow ponds, ditches or slow flowing streams. Care should be taken to ensure that surface waters and ditches are not contaminated with the product or used container.</p> <p>No risk management necessary. When used according to the label instructions there will not be sufficient contamination of water to present a risk to aquatic life.</p> <p>Not categorised under the LERAP scheme.</p> |

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| <p><b>5. SOIL and GROUNDWATER</b></p> <p><b>Earthworms</b></p> <p><b>Soil Micro-organisms</b></p> | <p>Dicamba and its degradation product are impersistent and 2,4-D is of low persistence in the soil. Dicamba is highly mobile and its degradation product is considered to have low mobility. 2,4-D is not strongly adsorbed to soil and can be considered highly mobile depending on the pH of the soil. 2,4-D is more mobile in neutral and alkaline soils compared to acidic soils. Use of Magneto in accordance with the label presents a low risk to groundwater, therefore no risk management is necessary.</p> <p>Magneto is of low to moderate toxicity to earthworms. No risk management is necessary.</p> <p>No risk management necessary. No effects on soil microbial processes were found so the risk is considered low.</p> |
| <p><b>6. NON-TARGET PLANTS</b></p>  | <p>Magneto is a selective broadleaf weedkiller herbicide. Avoid spray drift onto neighbouring crops and wild flowers which are found at the margins of fields. Care should always be taken to minimise drift when applying Magneto close to conservation headlands and field boundaries, such as hedgerows, which may provide an important habitat for wild flowers.</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 4.0

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