

Environmental Information Sheet

DEPITOX MAFF/MAPP 11149

For CPA
Office use
only

A 490 g/L soluble concentrate formulation containing 2,4-D a phenoxy herbicide for use in cereals, established agricultural and amenity grassland, amenity turf

Maximum application rate: Cereals 2.8 L/ha (1.37 kg/as/ha), one application per crop; Grassland 4.2 L/ha (2.06 kg/as/ha), two applications per year.

Section	Profile
1. WILDLIFE Mammals and Birds	<p>Depitox is not classified as '<i>Harmful to game and wildlife</i>'</p> <p>Depitox is of moderate toxicity to birds and mammals. It is recommended that livestock should not be grazed on treated grassland for 2 weeks after application.</p> <p>No risk management is necessary to protect wild mammals and birds as Depitox is of low risk to mammals and birds grazing in treated areas.</p>
2. BEES	<p>No risk management necessary and there is no requirement to avoid application of the product when bees maybe foraging on flowering weeds.</p>
3. NON TARGET INSECTS AND OTHER ARTHROPODS	<p>No risk management necessary</p> <p>Depitox poses a low risk to a range of arthropod species commonly found in and around treated fields, including carabid beetles, aphid parasitoids and predatory mites.</p>
4. AQUATIC LIFE	<p>Depitox is classified as '<i>Dangerous to fish or other aquatic life</i>'.</p> <p>Depitox is of moderate toxicity to algae and harmful to certain aquatic higher plants such as duckweeds (<i>Lemna</i>). Care should be taken to minimise drift when applying Depitox 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>5. SOIL and GROUNDWATER</p> <p>Earthworms</p> <p>Soil Micro-organisms</p>	<p>Depitox is of low persistence in the soil. 2,4-D is not strongly adsorbed to soil and can be considered moderately to highly mobile depending on the pH of the soil. 2,4-D is more mobile in neutral and alkaline soils compared to acidic soils. However, use of Depitox in accordance with the label presents a low risk to groundwater, therefore no risk management is necessary.</p> <p>Depitox is of 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>6. NON-TARGET PLANTS</p>	<p>Depitox is a broad-leaved weed herbicide and is likely to be harmful to some species of wild flowers which are found at the margins of fields. Therefore particular care should always be taken to minimise drift when applying Depitox 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:-

Nufarm UK Limited
Crabtree Manorway North
Belvedere Kent DA17 6BQ
Tel: 0208 319 7222
Fax 0208 319 7200
e-mail: infouk@uk.nufarm.com

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