

Environmental Information Sheet

For CPA
Office use
only

Mextrol[®] Biox MAFF 09470

A suspension concentrate formulation containing 200g/l (17.2% w/w) bromoxynil, and 200g/l (17.2% w/w) ioxynil, (hydroxybenzotrile herbicides) for selective post-emergence broad-leaved weed control in wheat, barley, oats (spring application), rye, triticale and undersown cereals.

Maximum application rate: 2.0 litres/ha for winter sown and undersown cereals

1.5 litres/ha for spring sown cereals

Maximum no. applications: 1 per crop

Section	Profile
1. WILDLIFE Mammals and Birds	<p>Mextrol Biox is not classified as '<i>Harmful to game and wildlife</i>'.</p> <p>No risk management necessary to protect wild mammals and birds. Ioxynil and bromoxynil the active substances in Mextrol Biox are of moderate toxicity to mammals and birds.</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.</p>
2. BEES	<p>Mextrol Biox is classified as '<i>Harmful to bees</i>'.</p> <p>Ioxynil and bromoxynil are of high risk to bees. Risk management necessary</p> <p>Do not apply to crops in flower or to those in which bees are actively foraging. Do not apply when flowering weeds are present.</p>
3. NON TARGET INSECTS AND OTHER ARTHROPODS	<p>No risk management necessary.</p> <p>Mextrol Biox poses a low risk to a range of arthropod species commonly found in and around treated fields for example beetles and aphid parasitoids.</p>
4. AQUATIC LIFE	<p>MEXTROL BIOX is <i>DANGEROUS TO FISH OR OTHER AQUATIC LIFE. Do not contaminate surface waters or ditches with chemical or used container.</i></p> <p>Risk management is essential.</p>

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5. SOIL and GROUNDWATER	<p>loxynil & bromoxynil are of low persistence and are moderately mobile in soil. Use of Mextrol Biox according to the label presents a low risk to groundwater.</p> <p>No risk management necessary.</p>
Earthworms	<p>loxynil and bromoxynil are moderately toxic to earthworms but risk assessment indicates low risk, therefore no risk management necessary.</p>
Soil Micro-organisms	<p>Mextrol Biox is of low risk to soil micro-organisms</p> <p>No risk management necessary in order to prevent risks to the processes of soil respiration and nitrogen turnover.</p>
6. NON-TARGET PLANTS	<p>Mextrol Biox is an herbicide. Therefore, there is a potential risk to non-target plants adjacent to the treated area.</p> <p>Avoid drift onto crops and non-target plants outside the target area</p>

ALWAYS READ THE LABEL: USE PESTICIDES SAFELY

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 3.0

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