

# Environmental Information Sheet

## THISTLEX<sup>®</sup> MAPP 16123



A soluble concentrate formulation containing 200 g/litre clopyralid (present as 305 g/litre triethylammonium salt) and 200 g/litre triclopyr (present as 279 g/litre triethylammonium salt), a pyridinecarboxylic acid herbicide for use in grassland.

Maximum individual dose: 1.0 l/ha (200 gas/ha clopyralid, 200 gas/ha triclopyr)

Maximum number of applications: 1 per year

Section	Profile
<p><b>1. WILDLIFE</b></p> <p><b>Mammals and Birds</b></p>	<p>THISTLEX is not classified 'Harmful to game, wild birds and animals' No risk management is necessary to protect wild mammals and birds. THISTLEX and its active substances are of low toxicity to mammalian and bird species. The risk to wild mammals and birds feeding on treated areas is low.</p> <p><i>"KEEP LIVESTOCK OUT of treated areas for at least 7 days and until poisonous weeds such as ragwort have died and become unpalatable"</i></p>
<p><b>2. BEES</b></p>	<p>No risk management necessary, and there is no requirement to avoid application of the product when bees may be foraging on flowering weeds.</p>
<p><b>3. NON TARGET INSECTS AND OTHER ARTHROPODS</b></p>	<p>No risk management is necessary.</p> <p>THISTLEX poses a low risk to a range of arthropod species, such as parasitic wasps, predatory mites and lacewings, commonly found in and around treated fields.</p>
<p><b>4. AQUATIC LIFE</b></p>	<p>THISTLEX has a low toxicity to fish, <i>Daphnia</i> (water fleas), algae and certain aquatic plants such as Duckweed.</p> <p>Care must be taken to ensure that surface waters or ditches are not contaminated with the product or the used container. Risk management is essential. THISTLEX 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 for aquatic species;</p> <p><i>"DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 m of the top of the bank of a static or flowing water body, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 m 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 may be reduced (see LERAP Guidelines)</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>The active substances and metabolite are of low to moderate persistence and are moderately to highly mobile. However, when THISTLEX is used as recommended there is a low risk of groundwater contamination. The following label restrictions are required;</p> <p><i>“Applications must not be made outside the period of 1st March to 31st October.”</i></p> <p><i>“To protect groundwater do not apply to leys less than 1 year old”</i></p> <p>THISTLEX is of moderate toxicity to earthworms. However when used as recommended the risk to earthworms is low and no risk management is necessary.</p> <p>THISTLEX is of low risk to soil micro-organisms. No risk management necessary in order to prevent risks to the processes of soil respiration and nitrogen turnover.</p>
<p><b>6. NON-TARGET PLANTS</b></p>	<p>THISTLEX is a broad-spectrum herbicide, therefore care should be taken to minimise drift onto hedgerows, conservation headlands etc. in order to prevent damage to plants in adjacent areas.</p> <p><i>“Take extreme care to avoid drift onto crops and non-target plants outside the target area”</i></p> <p><i>“All conifers, especially pine and larch, are very sensitive to spray drift”</i></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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