

Environmental Information Sheet

ENVY[®] MAPP 17901



A suspension emulsion formulation containing 100 g/litre fluroxypyr, a pyridine carboxylic acid herbicide and 2.5 g/litre florasulam, a triazolopyrimidine herbicide, for control of broad-leaved weeds in grassland

Maximum individual dose: 2.0 l/ha (200 gas/ha fluroxypyr, 5 gas/ha florasulam)

Maximum number of treatments: 1 per year

Section	Profile
<p>1. WILDLIFE</p> <p>Mammals and Birds</p>	<p>ENVY is not classified as "<i>Harmful to game, wild birds and animals</i>".</p> <p>No risk management is necessary. ENVY has low to moderate toxicity to mammals and birds. The risk to wild mammals and birds feeding on treated areas is low.</p> <p><i>"Livestock must be kept out of treated areas for at least 7 days following treatment. Animals should be excluded from treated areas until any ragwort has completely recovered or died and there is no visible sign of the dead weed."</i></p>
<p>2. BEES</p>	<p>No risk management necessary. ENVY has a low risk to honeybees and there is no requirement to avoid application of the product when bees may be foraging on flowering weeds.</p>
<p>3. NON TARGET INSECTS AND OTHER ARTHROPODS</p>	<p>No risk management necessary. ENVY poses a low risk to a range of arthropod species commonly found in and around treated fields, such as predatory mite (e.g. <i>Typhlodromus pyri</i>), aphid parasitoid wasp (<i>Aphidius rhopalosiphi</i>) and lacewing (<i>Chrysoperla carnea</i>).</p>
<p>4. AQUATIC LIFE</p>	<p>ENVY is classified "<i>Very toxic to aquatic life with long lasting effects</i>".</p> <p>ENVY has a moderate toxicity to fish and <i>Daphnia</i> (water fleas), high toxicity to algae and is extremely toxic to the aquatic plant <i>Lemna</i>. Care must be taken to avoid contamination of water with the product or its container. ENVY can be used safely providing care is taken to minimise spray drift reaching surface waters.</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>Buffer zones may be reduced (see LERAP Guidelines).</p>

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5. SOIL and GROUNDWATER	The active substances are impersistent or of low to moderate persistence and breakdown products are impersistent to very persistent. All are strongly adsorbed or moderately to highly mobile. However, when Envy is used as recommended there is a low risk of groundwater contamination.
Earthworms	ENVY has a moderate toxicity to earthworms. The risk to earthworms is low and no risk management is necessary.
Soil Micro-organisms	No risk management necessary. ENVY at the recommended rates has no significant effects on soil microbial respiration and nitrogen transformations. The risk to soil microbial activity is therefore low.
6. NON-TARGET PLANTS	ENVY is a post emergence herbicide active on a range of broad leaf weeds, consequently care should be taken to avoid spray drift reaching hedgerows, conservation headlands and adjacent crops to avoid possible effects on wild plants and sensitive crops. <i>“Extreme care must be taken to avoid spray drift onto non-crop plants outside the target area”.</i>

ALWAYS READ THE LABEL: USE PESTICIDES SAFELY

Care must be taken to minimise the risk of surface water contamination from farmyard and field sources.

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This Environmental Information Sheet was prepared in accordance with CPA Guidance Notes Version 4.

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