

Environmental Information Sheet

LEYSTAR[®] MAPP 17921



An emulsifiable concentrate formulation containing 144 g/litre fluroxypyr-meptyl and 80 g/litre clopyralid, pyridine carboxylic acid herbicides, and 2.5 g/litre florasulam, a triazolopyrimidine herbicide, for use in grassland and forage maize.

Maximum individual dose: 2.0 l/ha (288 gas/ha fluroxypyr-meptyl, 160 gas/ha clopyralid, 5.0 gas/ha florasulam)

Maximum number of applications: 1 per year

Section	Profile
<p>1. WILDLIFE</p> <p>Mammals and Birds</p>	<p>LEYSTAR is not classified as “<i>Harmful to game, wild birds and animals</i>”.</p> <p>No risk management is necessary. LEYSTAR has low toxicity to mammals and low to moderate toxicity to birds. The risk to birds and mammals living and feeding in 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. LEYSTAR 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. LEYSTAR 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 rhopalosiphii</i>) and lacewing (<i>Chrysoperla carnea</i>).</p>
<p>4. AQUATIC LIFE</p>	<p>LEYSTAR is classified “<i>Very toxic to aquatic life with long lasting effects</i>”.</p> <p>LEYSTAR has a high toxicity to fish, <i>Daphnia</i> (water fleas) and 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. LEYSTAR 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. DO NOT ALLOW DIRECT SPRAY from hand-held sprayers to fall within 1 m of the top of the bank of a static or flowing water body. Aim spray away from water.”</i></p> <p>Buffer zones may be reduced (see LERAP Guidelines).</p>

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<p>5. SOIL and GROUNDWATER</p> <p>Earthworms</p> <p>Soil Micro-organisms</p>	<p>The active substances are impersistent or of low persistence and breakdown products are impersistent to very persistent. All are of low to high mobility. However, when LEYSTAR is used as recommended there is a low risk of groundwater contamination.</p> <p>LEYSTAR has a moderate toxicity to earthworms. The risk to earthworms is low and no risk management is necessary.</p> <p>No risk management necessary. LEYSTAR at the recommended rates has no significant effects on soil microbial respiration and nitrogen transformations. The risk to soil microbial activity is therefore low.</p>
<p>6. NON-TARGET PLANTS</p>	<p>LEYSTAR 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.</p> <p><i>“Extreme care must be taken to avoid spray drift onto non-crop plants outside the target area”.</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.

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

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