

Environmental Information Sheet

GALERA MAPP Number 11961



A solution concentrate formulation containing 267 g/litre clopyralid and 67 g/litre picloram, pyridine carboxylic acid herbicides, for use in winter oilseed rape.

Maximum application rate: 0.35 litre/ha/crop (93.5 g clopyralid + 23.5 g picloram/ha).

Section	Profile
1. WILDLIFE Mammals and Birds	GALERA is not classified as " <i>Harmful to game, wild birds and animals</i> ". No risk management necessary to protect wild mammals and birds. GALERA and its active ingredients, clopyralid and picloram, are of low toxicity to mammalian and bird species. The risk to wild mammals and birds feeding on treated areas is low.
2. BEES	No risk management necessary and there is no requirement to avoid application of the product when bees may be foraging on flowering weeds.
3. NON TARGET INSECTS AND OTHER ARTHROPODS	No risk management is necessary. GALERA at recommended rates, is classified as "harmless" to a range of arthropods found in and around treated fields, such as the foliar dwelling predator lacewing (<i>Chrysoperla carnea</i>), parasitic wasp (<i>Aphidius rhopalosiphi</i>) and predator mite (<i>Typhlodromus pyri</i>).
4. AQUATIC LIFE	GALERA is not classified as toxic to aquatic organisms but has the classification " <i>May cause long-term adverse effects in the aquatic environment</i> ". GALERA has a low toxicity to fish, <i>Daphnia</i> and algae. When used according to the label instructions there will not be sufficient contamination of water to present a risk to aquatic life. Not categorised under the LERAP scheme.

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5. SOIL and GROUNDWATER	<p>Clopyralid has a low persistence in soil. Under laboratory conditions clopyralid is weakly adsorbed by soil and considered to be highly mobile. However, studies under field conditions have demonstrated that the low persistence prevents significant contamination of groundwater.</p> <p>Picloram has a moderate persistence in soil. Under laboratory conditions it is weakly adsorbed by soil and considered to be highly mobile. However, modelling and extensive field studies have shown there is a low risk of groundwater contamination, due to a combination of the low application rate and moderate persistence.</p>
Earthworms	<p>GALERA has a low toxicity to earthworms. The risk to earthworms is low and no risk management is necessary.</p>
Soil Micro-organisms	<p>GALERA has a low risk to soil micro-organisms and no risk management is necessary</p>
6. NON-TARGET PLANTS	<p>GALERA is a post emergence herbicide.</p> <p><i>"Take extreme care to avoid drift onto crops and non-target 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.

For further information about the environmental profile of this product contact:-

Company: Dow AgroSciences Limited
Address: Latchmore Court, Brand Street, Hitchin, Hertfordshire. SG5 1NH
Telephone: 01462 457272
Fax: 01462 426605
24 Hour Emergency Telephone Number: (00 44) 1553 761 251
e-mail: fhihotl@dow.com

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

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