

Environmental Information Sheet

Diflanil 500 SC MAPP: 17024



A selective contact and residual herbicide for pre- and post-emergence treatment for the control of a wide range of broad-leaved weeds in winter wheat and winter barley, post-emergence treatment in spring barley and as a pre-crop emergence treatment in winter rye and triticale. A suspension concentrate (SC) formulation containing 500 g/L diflufenican.

Crops	Max individual dose	Max total dose	Latest time of application
Barley (winter)	0.25 L product/ha	0.25 L product/ha/crop	Before the end of February in the year of harvest
	OR	OR	
Wheat (winter)	0.2 L product/ha	0.2 L product/ha/crop	Before second node detectable stage
Rye (winter), triticale	0.2 L product/ha	0.2 L product/ha/crop	Pre-emergence
Barley (spring)	0.125 L product/ha	0.125 L/product/ha/crop	Before second node detectable stage

Section	Profile
1. WILDLIFE Mammals and birds	Diflanil 500 SC is not classified as ' <i>Harmful to game, wild birds and animals</i> '. No risk management is necessary to protect birds and mammals. Diflanil 500 SC is of low toxicity to birds and mammals.
2. BEES	No risk management is 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. There is low risk to non-target insects and other arthropods.
4. AQUATIC LIFE	Diflanil 500 SC is classified as " <i>Very toxic to aquatic life with long lasting effects</i> ". It is extremely toxic to certain aquatic invertebrates (algae) and aquatic plants. To protect aquatic organisms, respect an unsprayed buffer zone distance to surface water bodies in line with LERAP requirements. DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within the distance specified for the crop to the top of the bank of a static or flowing water body, or within 1 m of the top

	<p>of a ditch which is dry at the time of application. Aim spray away from water. ALL CROPS WITH A BUFFER ZONE GREATER THAN 5M ARE NOT ELIGIBLE FOR BUFFER ZONE REDUCTION UNDER THE LERAP HORIZONTAL BOOM SPRAYERS SCHEME.</p> <p>Do not contaminate water with the product or its container. (Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads).</p> <p>Risk management is necessary, however when used as directed there will be low risk of water contamination.</p>
5. SOIL AND GROUNDWATER	<p>Diflanil 500 SC has high persistence and low mobility in soil. When used at recommended rates of use there is low risk of contamination of groundwater.</p>
Earthworms	<p>Diflanil 500 SC is moderately toxic to earthworms. No risk management necessary at rates of use and timing recommended on the product label.</p>
Soil micro-organisms	<p>Diflanil 500 SC is of low risk to soil micro-organisms. No risk management is deemed necessary to prevent risks to soil micro-organisms.</p>
6. NON-TARGET PLANTS	<p>When used as directed Diflanil 500 SC is of low risk to non-target plants.</p>

USE PLANT PROTECTION PRODUCTS SAFELY. ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE.

FOR FURTHER PRODUCT INFORMATION INCLUDING WARNING PHRASES AND SYMBOLS REFER TO THE BELCHIM (UK) WEBSITE WWW.BELCHIM.CO.UK

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 V4 August 2005.

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