

# Environmental Information Sheet

## ROUNDUP MAX<sup>®</sup> MAPP 12952

A water soluble granule containing 68% w.w. glyphosate used as a foliar application for the non-selective control of annual and perennial weeds before sowing or planting of all crops; for use pre-harvest and for the destruction of grassland and weed control in stubbles, orchards and non-crop areas.

Maximum application rates vary per weed and situation. Refer to label for details.

Maximum number of applications vary per situation. Refer to label for details.

Section	Profile
<b>1. WILDLIFE</b>	Roundup Max is not classified as ' <i>Harmful to game and wildlife</i> '
<b>Mammals</b>	No risk management necessary. Roundup Max shows low toxicity to mammals. It poses low risk for species that feed on recently treated vegetation (e.g. hares, rabbits, deer) or consume earthworms in treated fields (e.g. shrews, voles). There is no long-term exposure to this herbicide as treated weeds are controlled and are thus no longer present as potential food sources.
<b>Birds</b>	Roundup Max is of low toxicity to birds. There is low risk to geese and other birds that could feed on recently treated vegetation. There is also negligible risk for species nesting in and around treated fields or consuming insects and earthworms from treated areas.
<b>2. BEES</b>	Roundup Max is of low toxicity to honeybees; there is no requirement to avoid application of the product when bees are foraging on flowering weeds in treated crops.
<b>3. NON TARGET INSECTS AND OTHER ARTHROPODS</b>	No risk management necessary. At typical use rates, Roundup Max poses a low risk to most species commonly found in and around treated fields. In areas where Roundup Max is applied, the loss of vegetation will lead to habitat changes and may thereby temporarily affect arthropod populations. The arthropods will however rapidly return as vegetation regrows.
<b>4. AQUATIC LIFE</b>	Roundup Max is classified as ' <i>Harmful to fish or other aquatic life</i> ' in its concentrated form, but does not require a buffer zone.  Roundup Max is moderately toxic to aquatic life and care should be taken not to contaminate surface waters or ditches with the neat product or the used packaging.

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<b>5. SOIL and GROUNDWATER</b>	<p>Roundup Max has low persistence in soil. Roundup Max is rapidly and extensively degraded in soil by indigenous soil micro flora, under both aerobic and anaerobic conditions. The degradation of Roundup Max is dependent on soil type and temperature but is independent of the initial herbicide concentration. Roundup Max does not accumulate in soil after several applications within one season or over the years.</p> <p>Roundup Max is strongly absorbed to soil and possesses very little potential for leaching. There is a negligible risk of groundwater contamination by Roundup Max due to the high absorption, low mobility and rapid biodegradation in soil.</p>
<b>Earthworms</b>	<p>Roundup Max is of low toxicity to earthworms and will pose a negligible risk to earthworm populations in or around treated fields.</p>
<b>Soil Micro-organisms</b>	<p>Roundup Max has no adverse effects on soil micro flora and therefore poses negligible risk to the processes of nutrient recycling in soil.</p>
<b>6. NON-TARGET PLANTS</b>	<p>To avoid unintentional effects on the vegetation of non-target areas (e.g. field boundaries, conservation headlands, beetle banks), care should always be taken to minimise drift. The use of low drift application equipment and unsprayed strips is recommended.</p>

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 3.

USE HERBICIDES SAFELY.

ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE