

Environmental Information Sheet

ROUNDUP POWERMAX MAPP 16300



A soluble concentrate containing 72 %w/w glyphosate present as 79.2% w/w of the ammonium salt of glyphosate used a foliar application for the non-selective control of annual and perennial weeds before sowing or planting of all crops and the destruction of grassland, weed control in stubbles, orchards, aquatic & non crop areas. Also for use pre-harvest in cereals and certain other crops.

Maximum application rates vary per weed and situation. Maximum number of applications per annum vary per situation per season. Refer to the label for details.

Section	Profile
<p>1. WILDLIFE</p> <p>Mammals</p> <p>Birds</p>	<p>Roundup PowerMax is not classified as <i>'Harmful to game or wildlife'</i></p> <p>Roundup PowerMax shows low toxicity to mammals. It poses negligible risk for species that feed on recently treated vegetation (e.g. hares, rabbits, deer) or consume earthworms in treated fields, (e.g. shrewsvoles). There is no long-term exposure to this herbicide as treated weeds are controlled and are thus no longer present as potential food sources.</p> <p>Roundup PowerMax is of low toxicity to birds. There is negligible risk to geese and other birds that could feed on recently treated vegetation. There is also negligible risk for species nesting in or near treated fields or consuming insects and earthworms from treated areas</p>
2. BEES	Roundup PowerMax 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 areas.
3. NON TARGET INSECTS AND OTHER ARTHROPODS	At typical use rates, Roundup PowerMax is of low risk to most species commonly found in and around treated fields, including carabid beetles and ground spiders. In areas where the herbicide 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 re-grows.
4. AQUATIC LIFE	<p>Roundup PowerMax is not considered as <i>'Harmful to aquatic life'</i> being of low toxicity to fish, invertebrates (e.g. water fleas) and green algae. The product is registered for the control of floating and aquatic weeds. When used part of a weed management programme, there is low risk for aquatic life.</p> <p>In all cases where Roundup PowerMax is not applied for aquatic weed control, care should be taken to ensure that surface water or ditches are not contaminated with the chemical or used containers.</p>

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<p>5. SOIL and GROUNDWATER</p> <p>Earthworms</p> <p>Soil Micro-organisms</p>	<p>Roundup PowerMax is rapidly and extensively degraded in soil by indigenous soil micro flora, under both aerobic and anaerobic conditions. The degradation of Roundup PowerMax is dependent on soil type and temperature but is independent of the initial herbicide concentration. Roundup PowerMax does not accumulate in soil after several applications within one season or over the years.</p> <p>Roundup PowerMax is strongly adsorbed to soil and possesses very little potential for leaching. There is a negligible risk of groundwater contamination by Roundup PowerMax due to the high adsorption, low mobility and rapid biodegradation in soil.</p> <p>Roundup PowerMax is of low toxicity to earthworms and will pose a negligible risk to earthworm populations in or around treated fields.</p> <p>Roundup PowerMax has no adverse effects on soil micro flora and thus poses negligible risk to the processes of nutrient recycling in soil.</p>
<p>6. NON-TARGET PLANTS</p>	<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>

USE HERBICIDES SAFELY. ALWAYS READ THE LABEL

AND OTHER PRODUCT INFORMATION BEFORE USE

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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