

Environmental Information Sheet

BROADWAY[®] STAR MAPP 14319



A water dispersible granule formulation containing 7.08 %w/w pyroxsulam and 1.42 %w/w florasulam, triazolopyrimidine herbicides (plus 7.08%w/w cloquintocet-mexyl as a safener), for the control of weeds in winter wheat, winter rye and triticale.

Maximum individual dose: 265 g/ha (18.8 g/ha pyroxsulam, 3.7 g/ha florasulam)
 Maximum number of applications: One per crop

Section	Profile
<p>1. WILDLIFE</p> <p>Mammals and Birds</p>	<p>BROADWAY STAR is not classified as <i>“Harmful to game and wildlife”</i></p> <p>No risk management is necessary to protect mammals and birds. BROADWAY STAR has a low toxicity to mammals and birds. It poses a low risk to birds and mammals living and feeding in the treated area.</p>
<p>2. BEES</p>	<p>No risk management is necessary. There is no requirement to avoid application of BROADWAY STAR when bees may be foraging on flowering weeds.</p>
<p>3. NON TARGET INSECTS AND OTHER ARTHROPODS</p>	<p>No risk management is necessary. BROADWAY STAR poses a low risk to arthropod species found in and around treated fields, such as predatory mites and parasitic wasps.</p>
<p>4. AQUATIC LIFE</p>	<p>BROADWAY STAR is classified <i>“Very toxic to aquatic life with long lasting effects”</i></p> <p>BROADWAY STAR has moderate toxicity to fish and low toxicity to <i>Daphnia</i> (water fleas), but high toxicity to algae and extreme toxicity to the aquatic plant <i>Lemna</i>. Care must be taken to ensure that surface waters or ditches are not contaminated with the product or the used containers.</p> <p>Risk management is essential. To protect aquatic organisms, respect an unsprayed buffer zone distance to surface water bodies in line with LERAP requirements.</p> <p><i>“DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 metres 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 1m of the top of a ditch which is dry at the time of application. 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>Pyroxsulam and florasulam have a low persistence in soil. Under laboratory conditions they are weakly adsorbed and considered to be highly mobile. However, studies under field conditions and detailed modelling have demonstrated that the low persistence, coupled with very low application rates, prevents significant groundwater contamination.</p> <p>BROADWAY STAR has a low toxicity to earthworms. The risk to earthworms is low and no risk management is necessary.</p> <p>No risk management is necessary. At up to at least 5 times the recommended application rate BROADWAY STAR has negligible effects on soil microbial respiration and nitrogen turnover. The risk to soil microbial activity is therefore low.</p>
<p>6. NON-TARGET PLANTS</p>	<p>BROADWAY STAR is a post emergence herbicide.</p> <p><i>“Take extreme care to avoid drift onto susceptible crops, non-target plants or waterways. Do not apply directly to, or allow spray drift to come into contact with agricultural or horticultural crops, amenity plantings, gardens, ponds, lakes or watercourses”.</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:-

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

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