

Environmental Information Sheet

BUGLE MAPP 17821



An emulsifiable concentrate containing 59.4 g/litre fluxapyroxad (carboxamide fungicide) for use in cereals.

Maximum individual dose: 2.0 l/ha (119 g a.i./ha)

Maximum number of treatments: Two

Section	Profile
<p>1. WILDLIFE</p> <p>Mammals and Birds</p>	<p>Bugle is not classified as '<i>Harmful to game, wild birds and animals</i>'. No risk management necessary to protect wild mammals and birds. Fluxapyroxad is of low toxicity to mammalian and bird species.</p> <p>The risk to wild mammals and birds grazing on treated areas is low, as is the risk due to exposure from other routes, e.g. consumption of earthworms or other invertebrates such as insects.</p>
<p>2. BEES</p>	<p>No risk management necessary. Bugle is of low risk to bees.</p>
<p>3. NON TARGET INSECTS AND OTHER ARTHROPODS</p>	<p>No risk management necessary. Bugle poses a low risk to a range of arthropod species commonly found in and around treated fields, including predatory mites, aphid parasitoids and lacewings.</p>
<p>4. AQUATIC LIFE</p>	<p>Bugle is '<i>TOXIC TO AQUATIC LIFE with long lasting effects</i>'.</p> <p>Bugle is of moderate toxicity to aquatic invertebrates, e.g. water flea, and high toxicity to fish and algae.</p> <p><i>"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."</i></p> <p>No risk management necessary. When used according to the label instructions there will not be sufficient contamination of water to present a risk to aquatic life.</p> <p>Not categorised under the LERAP scheme.</p>

Environmental Information Sheet

BUGLE MAPP 17821



Section	Profile
<p>5. SOIL and GROUNDWATER</p> <p>Earthworms</p> <p>Soil Micro-organisms</p>	<p>No risk management necessary. Fluxapyroxad is very persistent in soil with low mobility. There is a low risk of ground water contamination from the use of Bugle.</p> <p>No risk management necessary. Bugle is of moderate toxicity to earthworms.</p> <p>No risk management necessary. At the recommended application rate Bugle has a negligible effect on soil microbial processes and therefore the risk to soil microbial activity is low.</p>
<p>6. NON-TARGET PLANTS</p>	<p>When used as recommended Bugle is not expected to have adverse effects on 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 www.agricentre.basf.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:-

BASF plc, Crop Protection, PO Box 4, Earl Road, Cheadle Hulme, Cheadle, Cheshire SK8 6QG Telephone: 0161 485 6222 Fax: 0161 486 0891

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

© copyright of BASF