

Environmental Information Sheet

BOWMAN™

MAPP 16286



Bowman is a suspension concentrate formulation containing 125 g/L epoxiconazole, a broad spectrum, systemic triazole fungicide for control of *Septoria*, yellow and brown rust, net blotch, *Rhynchosporium*, *Fusarium* and sooty moulds in barley, wheat, triticale, rye and oats and powdery mildew in rye and oats.

Maximum application rate: 1 litre product/ha (125 g/ha epoxiconazole)

Maximum total dose: 2 litres product/ha (250 g/ha epoxiconazole)

Section	Profile
1. WILDLIFE Mammals and Birds	<p>BOWMAN is not classified as '<i>Harmful to game, wild birds and animals.</i>'</p> <p>No risk management is necessary to protect wild mammals and birds. BOWMAN is of low toxicity to mammals and low to moderate toxicity to birds. No risk management is necessary to protect wild animals and birds.</p>
2. BEES	No risk management is necessary. BOWMAN is of low risk to honeybees.
3. NON-TARGET INSECTS AND OTHER ARTHROPODS	No risk management is necessary. BOWMAN poses a low risk to non-target arthropod species commonly found in and around treated fields.
4. AQUATIC LIFE	<p>BOWMAN is classified as '<i>Very toxic to aquatic life</i>' and '<i>Toxic to aquatic life with long lasting effects</i>'. Care must be taken to ensure that surface waters or ditches are not contaminated with the product or the used container.</p> <p>Risk management is essential. Whilst the toxicity of BOWMAN to aquatic plants and fish is extremely high, the product may be used safely providing care is taken to prevent spray drift reaching surface waters. The following risk management practices must be carried out:</p> <p><i>'DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5m of the top of the bank of a static or flowing waterbody unless a Local Environmental 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>LERAP category B. Buffer zones may be reduced (see LERAP Guidelines).</p>

<p>5. SOIL and GROUND-WATER</p> <p>Earthworms</p> <p>Soil micro-organisms</p>	<p>Epoxiconazole is very persistent (degrades slowly) in soil and shows low soil mobility. Use of BOWMAN according to the label presents a low risk to groundwater and no risk management is necessary.</p> <p>BOWMAN is of moderate toxicity to earthworms. However, use of BOWMAN at recommended application rates results in a low risk to earthworms. No risk management is necessary in order to prevent risk to earthworms.</p> <p>BOWMAN is of low risk to soil micro-organisms. No risk management is necessary in order to prevent risks to the processes of soil respiration and nitrogen turnover.</p>
<p>6. NON-TARGET PLANTS</p>	<p>When used as recommended, BOWMAN 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 THE ADAMA AGRICULTURAL SOLUTIONS UK LTD WEBSITE (WWW.ADAMA.COM).

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:-

Adama Agricultural Solutions UK Ltd
Third Floor East
1410 Arlington Business Park
Theale
Reading
RG7 4SA

Tel: 01635 860555
Technical Helpline: 01635 876622
Email: ukenquiries@adama.com

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

BOWMAN™ is a trademark of a company of the Adama Group.

© Adama Agricultural Solutions UK Ltd