

BOWMAN™




MAPP 16286

A broad-spectrum systemic 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.

A suspension concentrate formulation containing 125 g/l (12.1% w/w) epoxiconazole.

Also contains solvent naphtha and alkoxyated fatty alcohol.



Danger

Harmful if inhaled.
Suspected of causing cancer.
May damage the unborn child. Suspected of damaging fertility.
Very toxic to aquatic life.
Toxic to aquatic life with long lasting effects.
Repeated exposure may cause skin dryness or cracking.

Keep out of reach of children.
Obtain special instructions before use.
Avoid breathing vapours or spray.
Wear protective gloves.

IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for empty, clean containers which can be disposed of as non-hazardous waste.

To avoid risks to human health and the environment, comply with the instructions for use.

FR R3.1.5 JUN18

5 litres e

To access the Safety Data Sheet for this product scan the QR code or use the weblink: <https://bit.ly/2IETWrP>
- Alternatively, contact your supplier.



ADAMA

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BOWMAN™

MAPP 16286

**PROTECT FROM FROST
SHAKE WELL BEFORE USE**

DIRECTIONS FOR USE:

full instructions in this leaflet.

Batch No.: see packaging

Adama Agricultural Solutions UK Ltd

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For advice on medical emergencies, fires or major spills telephone the National Chemical Emergency Centre on 01865 407333

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

SAFETY PRECAUTIONS

Operator Protection

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective clothing.

WEAR SUITABLE PROTECTIVE GLOVES when handling the concentrate.

WEAR SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

WASH HANDS AND EXPOSED SKIN before meals and after work.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

Environmental Protection

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.

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 m 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 1 m of the top of a ditch which is dry at the time of application. Aim spray away from water.

This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) Scheme. Before

each spraying operation from a horizontal boom sprayer, either a LERAP

must be carried out in accordance with HSE's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for inspection for three years. To protect aquatic organisms respect an unsprayed buffer zone distance to surface water bodies in line with LERAP requirements.

Storage and Disposal

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.

KEEP OUT OF REACH OF CHILDREN. RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of safely. DO NOT RE-USE CONTAINER FOR ANY PURPOSE.

Store in a suitable pesticide store. Keep dry and protect from frost.



IMPORTANT INFORMATION

FOR PROFESSIONAL USE ONLY AS AN AGRICULTURAL FUNGICIDE

Crop	Maximum individual dose (litres product/ha)	Maximum total dose (litres product /ha/crop)	Latest time of application
Winter and spring wheat, rye and triticale	1.0	2.0	Up to and including flowering (anthesis) just complete (GS 69)
Winter and spring barley and oats	1.0	2.0	Up to and including ear just complete (GS 59) emergence

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.

This leaflet is part of the approved label.

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DIRECTIONS FOR USE

IMPORTANT: This information is approved as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.

RESTRICTIONS

Avoid drift onto neighbouring crops, as damage may occur, particularly to broad-leaved plants.

Consult processors before use on crops destined for bread making.

Malting barley

BOWMAN™ is accepted by the Brewers and Licensed Retailers Association to be used on malting barley. Application should be before the start of ear emergence.

When applied to barley intended for malting, refer to the latest timing restrictions for epoxiconazole given by the British Beer and Pub Association.

Avoid overlapping spray swaths.

Crops should not be re-entered until spray residues are dry.

RESISTANCE

BOWMAN contains a DMI fungicide. Resistance to some DMI fungicides has been identified in *Septoria* leaf-blotch (*Mycosphaerella graminicola*) which may seriously affect the performance of some products. For further advice on resistance management in DMIs, contact your agronomist or specialist advisor and visit the Fungicide Resistance Action Group's (FRAG) UK website.

The efficacy of this product may be affected if strains of disease pathogens resistant or less sensitive occur at any time. As such occurrences cannot be predicted – no responsibility can be accepted for the results obtained.

Strains of certain cereal diseases with decreased sensitivity to triazoles are common in the UK. Where these occur or develop, BOWMAN may not give satisfactory control.

DISEASE CONTROL

Disease	Crop
Powdery mildew	Rye, oats
<i>Rhychosporium</i>	Barley, rye
Net blotch (moderate control)	Barley
Brown rust	Barley, wheat, triticale, rye
Yellow rust	Barley, wheat, triticale, rye
<i>Septoria nodorum</i>	Wheat, triticale
<i>Septoria tritici</i>	Wheat, triticale
<i>Fusarium</i> ear blight (good reduction)	Wheat
Sooty moulds (reduction)	Wheat

CROP SPECIFIC INFORMATION

BOWMAN can be safely used on all varieties of wheat, barley, oats, rye and triticale.

For best disease control, apply as soon as disease is seen. A maximum of two applications can be made. Maintain an interval of at least 21 days between applications to cereals. Some specific recommendations can be seen below.

Disease	Specific recommendations
<i>Fusarium</i> ear blight and sooty moulds	Apply during ear emergence.
Powdery mildew	For better powdery mildew control when disease is established, apply with a specific mildew fungicide which has an alternative mode of action.
<i>Septoria tritici</i> and <i>nodorum</i>	Apply when disease is present, or conditions favour disease appearing. This is generally after the 3rd node detectable stage. A follow up treatment may be required.

Rate of Use

Apply 1.0 L/ha in 200–400 litres of water/ha. Use the higher volume of water for dense crops or for the second application.

Apply as a medium spray as defined by BCPC.

MIXING AND APPLICATION

Half-fill the spray tank with clean water and begin agitation. Add the required quantity of BOWMAN and add the remainder of the water. Continue agitation until spraying is completed.

Thoroughly rinse application equipment three times with water after use.

DISCLAIMER/CONDITIONS OF SUPPLY

The specified properties of our products and the mode of application stated on this label have been established on the basis of research and experience. Products conform to specification at the time of delivery but, as we exercise no control over their subsequent storage, handling, mixing or use or the weather conditions before, during and after application, all of which may affect the performance of the products, no responsibility or liability will be accepted by us or our re-sellers for any failure in performance, damage or injury to person or property whatsoever arising from the

storage, handling, application or use of the products. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in or make recommendations concerning the use of such products. We recommend you contact your dealer to request advice on the suitability of this product for any new and/or unusual growing methods or for new varieties not listed on this label.

Marketed by

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