

BUMPER[®] 250 EC

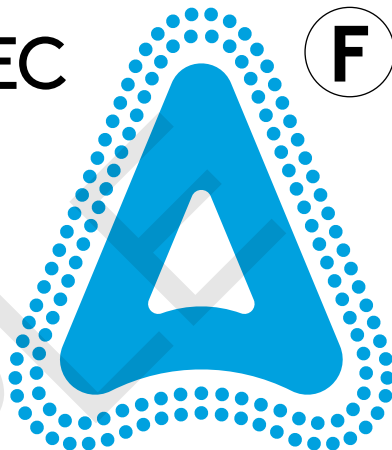


MAPP 14399

A broad-spectrum systemic and contact fungicide for the control of foliar and ear disease in cereals, oilseed rape, sugar beet and grasses.

An emulsifiable concentrate formulation containing 250 g/l (25.1% w/w) propiconazole.

Contains propiconazole. May produce an allergic reaction.



Warning

**Very toxic to aquatic life with long lasting effects.
Contains propiconazole. May produce an allergic reaction.**

Keep out of reach of children.

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 R3.0.6 OCT18

1 litre e

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



ADAMA

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This leaflet is part of the approved label.

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

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IMPORTANT INFORMATION

FOR PROFESSIONAL USE ONLY AS AN AGRICULTURAL FUNGICIDE

Crop	Maximum individual dose (litres/product/ha)	Maximum number of treatments (per crop)	Latest time of application
Barley, oats, rye, wheat	0.5	2	35 days before harvest
Oilseed rape	0.5	1	28 days before harvest
Sugar beet	0.5	2 (see 'Other specific restrictions')	28 days before harvest
Permanent grassland (for animal fodder) and rotational grass (for animal fodder)	0.5	1	28 days before any cut
Rotational grass (seed crop)	0.5	2 (see 'Other specific restrictions')	35 days before harvest

Other specific restrictions:

This product must only be applied to grass seed crops in the year of harvest.

A minimum interval of 21 days must be observed between applications to sugar beet.

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.

SAFETY PRECAUTIONS

Operator Protection

WASH CONCENTRATE from skin or eyes immediately.

WASH HANDS AND EXPOSED SKIN before meals and after work.

DO NOT BREATHE SPRAY.

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.

Storage and Disposal

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely. DO NOT RE-USE CONTAINER for any purpose.

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.

BUMPER® 250 EC is a fungicide containing propiconazole of the triazole family.

RESISTANCE

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 wheat powdery mildew with decreased sensitivity to triazoles are common in the UK. Where these occur or develop, BUMPER 250 EC may not give satisfactory control.

BUMPER 250 EC contains a DMI fungicide. Resistance to some DMI fungicides has been identified in *Septoria* leaf blotch (*Zymoseptoria tritici*) 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 FRAG-UK website.

DISEASE CONTROL

BUMPER 250 EC is a systemic and contact fungicide with a broad spectrum of plant disease activity.

USES

BUMPER 250 EC is recommended for the control of the following diseases. However, it is only recommended for reduction in leaf spot on oilseed rape and *Ramularia* on sugar beet.

Disease	CROP AND QUALIFIER						
	Wheat	Barley	Oats	Rye	OSR	Sugar beet	Grass
	Winter and spring	Winter and spring	Winter and spring	Winter	Winter and spring		Permanent and rotational for ensiling/rotational for seed
<i>S. tritici</i>	R	-	-	-	-	-	-
<i>S. nodorum</i>	C	-	-	-	-	-	-
Powdery mildew	-	-	C	C	-	-	C
<i>Rhynchosporium</i> (leaf blotch)	-	-	-	-	-	-	C
<i>Net blotch</i> (<i>Pyrenophora teres</i>)	-	-	-	-	-	-	-
Brown rust	C	C	C	C	-	-	-
Yellow rust	C	C	C	C	-	-	-
Crown rust	-	-	C	-	-	-	C
Light leaf spot	-	-	-	-	R	-	-
Leaf spot (<i>Ramularia betae</i>)	-	-	-	-	-	R	-
Sooty mould (<i>Cladosporium</i> spp.)	C	C	C	C	-	-	-

KEY: R = Reduction, C = Control

CROP SPECIFIC INFORMATION

Timing

The latest time of application to all cereals is before early milky ripe stage.

Winter and spring wheat

Early appearance of disease should be treated as soon as it is seen in the crop. When late foliar and ear diseases are seen, they should be sprayed from flag leaf to ear emergence. Treatments should be repeated if weather conditions are favourable to disease spread.

Winter and spring barley, oats and rye

Treatments should be applied as soon as disease is seen in the crop.

Oilseed rape

Treatment should be applied as soon as disease is seen in the crop.

Sugar beet

Treatments should be applied as soon as disease is seen. If required, a second application may be made 21 days later.

Grass for ensiling or seed crops

Treatments should be applied in spring as soon as disease is seen. If the grass is for ensiling, at least 28 days should elapse before cutting.

RATES OF USE

BUMPER 250 EC should be applied to all crops at 0.5 litres per hectare. Conventional ground applications should be made in a water volume of 100-200 litres of water per hectare at 2-3 bar.

MIXING

Shake well before use.

Half-fill the spray tank with clean water and begin agitation. Add the required amount of BUMPER 250 EC and the remainder of water whilst agitating. Continue to agitate the mixture until spraying is completed.

Wash out the sprayer thoroughly with water and add liquid detergent immediately after use. Finally wash out with water and drain.

Do not re-use container for any other purpose.

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

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.

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