

ADAMA  
ESSENTIALS

# Bumper<sup>®</sup> 250 EC

MAPP 14399

propiconazole 250 g/l



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.**

1 litre e

## This leaflet/booklet is part of the approved label.

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

### 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 (*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 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
Net blotch ( <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.

### **CONDITIONS OF SUPPLY**

All products supplied by us are of high grade and conform to specification at the time of delivery, but, as we cannot exercise control over their subsequent storage, handling, mixing or use or the weather conditions before, during and after application which may affect the performance of the products, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our products are excluded and 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 the use of such products.

Adama Agricultural Solutions UK Ltd  
Unit 15, Thatcham Business Village  
Colthrop Way, Thatcham, Berkshire RG19 4LW  
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BUMPER® is a registered trademark of a company of the Adama Group.  
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This Safety Data Sheet does not form part of the approved label. Following the instructions on the pesticide Product Label for the specified uses should ensure that the product is used safely and efficaciously for those uses.

## SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) Annex II

Revision Date 12-May-2014

Version 1

Product No. FNG56831-44

Publish Date 12-May-2014

R-8045.DPD(ECNA) MCW 309 25 EC

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

##### Bumper 250 EC

Synonyms

Propiconazole 250 EC

Pure substance/mixture

Mixture

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use

Fungicide

Uses advised against

No information available

#### 1.3. Details of the supplier of the safety data sheet

Supplier address

Adama Agricultural Solutions UK Ltd  
Unit 15, Thatcham Business Village, Colthrop Way  
Thatcham, Berkshire RG19 4LW  
Tel: 01635 860555  
Fax: 01635 861555

For further information, please contact

Email address

ukenquiries@adama.com

#### 1.4. Emergency telephone number

Emergency telephone

National Chemical Emergency Centre (UK):  
Tel: 01865 407333 (24 hours)

### SECTION 2: HAZARD IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute aquatic toxicity Category 1 - (H400)

Hazardous to the aquatic environment - Chronic Hazard Category 1 - (H410)

Classification according to Directive 67/548/EEC or 1999/45/EC

Full text of R-phrases: see Section 16.

N;R50/53

#### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



**Signal word**

Warning

**Hazard statements**

H410 - Very toxic to aquatic life with long lasting effects

**Precautionary statements**

P102 - Keep out of reach of children

P501 - Dispose of contents/container to an approved waste disposal plant

**EU specific hazard statements**

EUH401 - To avoid risks to human health and the environment, comply with the instructions for use

EUH208 - Contains propiconazole. May produce an allergic reaction

**Additional phrases for PPP**

SP1 - Do not contaminate water with the product or its container

**2.3. Other hazards**

No information available

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2 Mixture**

Chemical name	Weight %	CAS No.	EC No.	Index No.	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Classification according to 67/548/EEC	M-Factor	REACH Registration Number
Propiconazole	24-27	60207-90-1	262-104-4	613-205-00-0	Acute Tox. 4 (H302) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	Xn; R22 R43 N; R50-53		-
butan-1-ol	1.5-3	71-36-3	200-751-6	603-004-00-6	Flam Liq. 3 (H226) Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) STOT SE 3 (H335) STOT SE 3 (H336)	R10 Xn; R22 Xi; R37/38-41 R67		-
Benzenesulfonic acid, C10-13-alkyl derivs., calcium salt	1-2	N/A	-	-	Skin Irrit. 2 (H315) Eye Dam. 1 (H318)	Xi; R41, R38		01-21195605 92-37

Full text of R-phrases: see Section 16.

Full text of H- and EUH-phrases: see Section 16.

**SECTION 4: FIRST AID MEASURES****4.1. Description of first aid measures****General advice**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). First aider: Pay attention to self-protection!

**Inhalation**

Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Call a physician.

**Skin contact**

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Consult a physician if necessary.

**Eye contact**

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

**Ingestion**

Rinse mouth. Drink plenty of water. If symptoms persist, call a physician.

**Self-protection of the first aider**

Use personal protective equipment as required.

**4.2. Most important symptoms and effects, both acute and delayed****Symptoms**

None known

**4.3. Indication of any immediate medical attention and special treatment needed****Note to physicians**

Treat symptomatically.

## Section 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

#### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Unsuitable extinguishing media

No information available.

### 5.2. Special hazards arising from the substance or mixture

No specific hazard known.

### 5.3. Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

In the event of fire and/or explosion do not breathe fumes.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

#### Personal precautions

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

#### For emergency responders

Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas.

Do not flush into surface water or sanitary sewer system.

### 6.3. Methods and material for containment and cleaning up

#### Methods for cleaning up

Take up mechanically, placing in appropriate containers for disposal.

### 6.4. Reference to other sections

#### Other information

See also Sections 8 and 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

#### Advice on safe handling

Avoid contact with skin, eyes or clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Use personal protective equipment as required. Do not breathe dust/fumes/gas/mist/vapours/spray.

#### General hygiene considerations

When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Storage conditions

Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place.

### 7.3. Specific end use(s)

### Risk Management Methods (RMM)

The information required is contained in this Material Safety Data Sheet.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Chemical Name	Chemical Name	Chemical Name
butan-1-ol 71-36-3	butan-1-ol 71-36-3	butan-1-ol 71-36-3
European Union	Italy	Austria
		STEL 200 ppm STEL 600 mg/m <sup>3</sup> TWA: 50 ppm TWA: 150 mg/m <sup>3</sup>
United Kingdom	Portugal	Switzerland
STEL: 50 ppm STEL: 154 mg/m <sup>3</sup> Skin	TWA: 20 ppm	STEL: 50 ppm STEL: 150 mg/m <sup>3</sup> TWA: 50 ppm TWA: 150 mg/m <sup>3</sup>
France	Netherlands	Poland
STEL: 50 ppm STEL: 150 mg/m <sup>3</sup>		STEL: 150 mg/m <sup>3</sup> TWA: 50 mg/m <sup>3</sup> Skin
Spain	Finland	Norway
S* STEL: 50 ppm STEL: 154 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 150 mg/m <sup>3</sup> STEL: 75 ppm STEL: 230 mg/m <sup>3</sup> Skin	Skin Ceiling: 25 ppm Ceiling: 75 mg/m <sup>3</sup>
Germany	Denmark	Ireland
TWA: 100 ppm TWA: 310 mg/m <sup>3</sup> Ceiling/Peak: 100 ppm Ceiling/Peak: 310 mg/m <sup>3</sup>	Ceiling: 50 ppm Ceiling: 150 mg/m <sup>3</sup> Skin	TWA: 20 ppm STEL: 25 ppm STEL: 75 mg/m <sup>3</sup> Skin

### Derived No Effect Level (DNEL)

No information available

### Predicted No Effect Concentration (PNEC)

No information available.

### 8.2. Exposure controls

#### Engineering controls

Ensure adequate ventilation, especially in confined areas.

#### Personal protective equipment

#### Eye/face protection

Tight sealing safety goggles.

#### Body protection

Suitable protective clothing.

#### General hygiene considerations

When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

#### Environmental exposure controls

Do not allow into any sewer, on the ground or into any body of water.



## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Property	Values	Method	Remarks
Appearance			
Physical state	: Clear liquid		
Colour	: Yellow-orange		
Odour	: Strong unpleasant		
Odour threshold	: No data available		
pH	: 6-7	CIPAC MT 75	Solution (1%)
Melting point/freezing point °C	: No data available		
Boiling point/boiling range °C	: No data available		
Flash point °C	: 107	92/69/EEC A.9	
Evaporation rate	: Not applicable		
Flammability (solid, gas)	: Not applicable		
Upper/lower flammability or explosive limits	: No data available		
Vapour pressure kPa	: No data available		
Vapour density	: No data available		
Relative density	: 0.994 - 0.998	EEC A.3	
Solubility(ies) mg/l	: No data available		
Partition coefficient (n-octanol/water) Log Pow	:		See Section 12 for more information
Autoignition temperature °C	: 265	EEC A.15	
Decomposition temperature °C	: No data available		
Kinematic viscosity mm <sup>2</sup> /s 40°C	: 13.53	CIPAC MT 114	
Explosive properties	: Not an explosive		
Oxidising properties	: No data available		
9.2. Other information	:		
Bulk density g/ml	:		
Surface tension mN/m	: Not applicable		
Minimum ignition energy (MIE) mJ	:		

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Not available.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

None under normal processing.

### 10.4. Conditions to avoid

Heat, flames and sparks.

### 10.5. Incompatible materials

No information available.

### 10.6. Hazardous decomposition products

## SECTION 11: TOXICOLOGY INFORMATION

### 11.1. Information on toxicological effects

#### Acute toxicity

	Values	Species	Method	Remarks
Oral LD50 mg/kg	: >2010	Rat	OECD 401	
Dermal LD50 mg/kg	: >2010	Rat	OECD 402	
Inhalation LC50 mg/l/4h	: >9.46	Rat	OECD 403	
Skin corrosion/irritation	: Non-irritating to the skin	Rabbit	OECD 404	
Serious eye damage/eye irritation	: Not irritating to eyes	Rabbit	OECD 405	
Respiratory/skin sensitisation	: Not a skin sensitiser	Guinea pig	OECD 406	

#### Chronic toxicity

##### Germ cell mutagenicity

###### Chemical name

Propiconazole : Not classified

##### Carcinogenicity

###### Chemical name

Propiconazole : Not classified

##### Reproductive toxicity

###### Chemical name

Propiconazole : Not classified

##### STOT - single exposure

###### Chemical name

Propiconazole : No data available

##### STOT - repeated exposure

###### Chemical name

Propiconazole : No data available

##### Aspiration hazard

###### Chemical name

Propiconazole : No data available

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. toxicity

#### Acute toxicity

Aquatic toxicity	Values	Species	Method	Remarks
Fish 96-hour LC50 mg/l	: 8.02	Rainbow trout	OECD 203	
Crustacea 48-hour EC50 mg/l	: 26	Daphnia magna	OECD 202	
Algae 72-hour EC50 mg/l	: 0.88	Scenedesmus subspicatus	OECD 201	

#### Other plants EC50 mg/l

: No data available

#### Terrestrial toxicity

##### Birds oral LD50 mg/kg

###### Chemical name

Propiconazole : >2510

Mallard duck,  
Bobwhite quail

##### Bees Oral LD50 µg/bee

###### Chemical name

Propiconazole : >100

## 12.2. Persistence and degradability

### Abiotic degradation

#### Water DT50 days

##### Chemical name

Propiconazole

Values

: 5.4

Method

Remarks

#### Soil DT50 days

##### Chemical name

Propiconazole

: 29-70

### Biodegradation

##### Chemical name

Propiconazole

: Not readily biodegradable

## 12.3. Bioaccumulative potential

### Partition coefficient

#### (n-octanol/water) Log Pow

##### Chemical name

Propiconazole

Values

: 3.72

Method

Remarks

25°C

### Bioconcentration factor (BCF)

##### Chemical name

Propiconazole

: 116

## 12.4. Mobility in soil

### Adsorption/desorption

##### Chemical name

Propiconazole

Values

: 382-1789

Method

Remarks

Koc

## 12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

## 12.6. Other adverse effects

No information available.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

#### Waste from residues/unused products

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### Contaminated packaging

Improper disposal or reuse of this container may be dangerous and illegal.

#### Other Information

Waste codes should be assigned by the user based on the application for which the product was used.

## SECTION 14: TRANSPORTATION INFORMATION

### IMDG/IMO

14.1 UN/ID No.

14.2 Proper shipping name

3082  
ENVIRONMENTALLY  
HAZARDOUS SUBSTANCE,  
LIQUID, N.O.S. (Propiconazole)  
9  
III  
Yes

14.3 Hazard class

14.4 Packing group

14.5 Marine pollutant

14.6 Special precautions for user

### RID/ADR

14.1 UN/ID No.

14.2 Proper shipping name

3082  
ENVIRONMENTALLY  
HAZARDOUS SUBSTANCE,  
LIQUID, N.O.S. (Propiconazole)  
9  
III  
Yes

14.3 Hazard class

14.4 Packing group

14.5 Environmental hazard

14.6 Special precautions for user

### ICAO/IATA

14.1 UN/ID No.

14.2 Proper shipping name

3082  
ENVIRONMENTALLY  
HAZARDOUS SUBSTANCE,  
LIQUID, N.O.S. (Propiconazole)  
9  
III  
Yes

14.3 Hazard class

14.4 Packing group

14.5 Environmental hazard

14.6 Special precautions for user

14.7 Transport in bulk according

to Annex II of MARPOL 73/78

and the IBC Code

Not applicable



## SECTION 15: REGULATORY INFORMATION

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

### 15.2. Chemical safety assessment

A chemical safety assessment according to regulation (EC) No. 1907/2006 is not required. A risk assessment was performed according to directive (EC) No. 91/414 or according to regulation (EC) No. 1107/2009.

## SECTION 16: OTHER INFORMATION

### Full text of R-phrases referred to under Sections 2 and 3

R10 - Flammable  
R22 - Harmful if swallowed  
R38 - Irritating to skin  
R41 - Risk of serious damage to eyes  
R43 - May cause sensitisation by skin contact  
R67 - Vapours may cause drowsiness and dizziness  
R37/38 - Irritating to respiratory system and skin  
R50/53 - Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment

### Full text of H-Statements referred to under Sections 2 and 3

H226 - Flammable liquid and vapour  
H302 - Harmful if swallowed  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H335 - May cause respiratory irritation  
H336 - May cause drowsiness or dizziness  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

### Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

## 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.

## 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.**

### 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

### PROTECT FROM FROST SHAKE WELL BEFORE USE

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

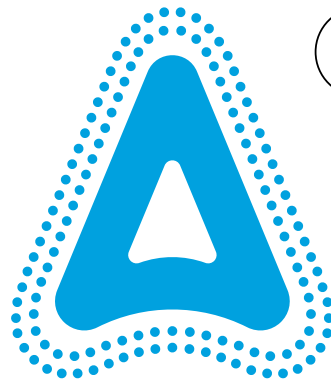
Batch No.: see packaging

ADAMA  
ESSENTIALS

Bumper® 250 EC

MAPP 14399

propiconazole 250 g/l



**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

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

1 litre e