



# AVASTEL™



ADAMA



**FUNGICIDE**

**Emulsifiable  
concentrate**

**PCS 06984**

FOR PROFESSIONAL USE ONLY



## **Ingredients**

- Fluxapyroxad ..... 75g/l (7.09% w/w)
  - Prothioconazole ..... 150g/l (14.33% w/w)
- Also contains 1-Octyl-2-pyrrolidinone and Isotridecanol, ethoxylated.



## **Crops**

A broad-spectrum fungicide for use on wheat, barley, rye and triticale.



## **SAFETY INFORMATION**

### **Danger**

Causes serious eye damage.

May cause harm to breast-fed children.

Toxic to aquatic life with long lasting effects.

Keep out of reach of children.

Obtain special instructions before use.

Avoid contact during pregnancy and while nursing.

Wear protective gloves, protective clothing, eye protection & face protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTRE or doctor/physician.

Protect from sunlight.

To protect aquatic organisms, respect an unsprayed buffer zone of 5m to

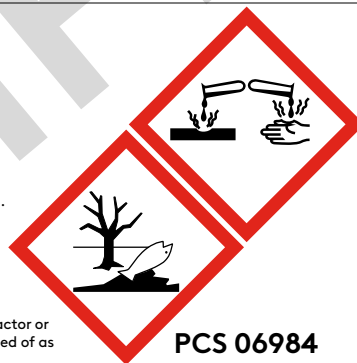
surface water bodies.

Dispose of contents/container to a licensed hazardous waste disposal contractor or

collection site except for triple rinsed, empty 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.



**PCS 06984**



## **Scan for Safety Data Sheet**

Or use the weblink : <https://bit.ly/3Y8kmKm>

Alternatively, contact your supplier.



R3.0 Dec 24

**NO VARNISH  
AREA**

**5Le**

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**FUNGICIDE****Emulsifiable  
concentrate****PCS 06984****SHAKE WELL BEFORE USE****GROUP 3 | 7 FUNGICIDE****PROTECT FROM FROST**

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.

In the event of emergency, call the National Poisons Information Centre, Beaumont Hospital on 01 809 2166 or 01 837 9964 (8am - 10pm 7 days a week) or the UK National Chemical Emergency Centre on +44 (0)1865 407333 (24 hours, 7 days a week).

**IMPORTANT INFORMATION  
FOR PROFESSIONAL USE ONLY AS A FUNGICIDE**

Crops	Maximum individual dose (L product/ha)	Maximum number of applications	Latest time of application
Winter & spring wheat, rye & triticale	1.25	1	BBCH 30 - 69
Winter & spring barley	1.25	1	BBCH 30 - 65

Authorised to & marketed by:  
ADAMA Agricultural Solutions  
UK Ltd, Third Floor East,  
1410 Arlington Business Park,  
Theale, Reading, UK, RG7 4SA  
Tel: +44 (0)1635 860555  
Technical Helpline:  
+44(0)1635 876622  
[www.adama.com](http://www.adama.com)  
Email: [ukenquiries@adama.com](mailto:ukenquiries@adama.com)

Distributed in Ireland by:  
Croplink (Ireland) Ltd  
Springhill, Carrigtwohill  
Co. Cork, T45 F685  
Tel: 021 4882806

UFI: NW2P-3DJD-0V07-7SK0



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IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Immediately call a POISON CENTRE or doctor/physician.

Protect from sunlight.

To protect aquatic organisms, respect an unsprayed buffer zone of 5m to surface water bodies.

Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for triple rinsed, empty 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.**



**PCS 06984**

**AVASTEL™ (PCS 06984)** is an emulsifiable concentrate formulation containing 75 g/l (7.09 % w/w) fluxapyroxad and 150 g/l (14.33 % w/w) prothioconazole. Also contains 1-Octyl-2-pyrrolidinone and Isotridecanol, ethoxylated.

AVASTEL is a broad-spectrum fungicide for use on wheat, barley, rye and triticale.

**This leaflet is part of the approved label.**

### 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.*

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.

AVASTEL is a fungicide recommended for the control of a wide range of fungal diseases on all varieties of winter and spring wheat, winter and spring barley, rye and triticale.

AVASTEL contains fluxapyroxad, a SDHI (Succinate dehydrogenase inhibitor); and prothioconazole, a triazolinthione which acts as a DeMethylation Inhibitor (DMI: SBI Class I).

AVASTEL has systemic activity, with protectant properties.

### RESTRICTIONS OR WARNINGS

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

### RESISTANCE MANAGEMENT

AVASTEL is a co-formulated product, containing fluxapyroxad which belongs to FRAC Group 7 SDHI (Succinate dehydrogenase inhibitors) and prothioconazole FRAC Group 3 (DMI-fungicides (DeMethylation Inhibitors)).

AVASTEL should be used in accordance with the instructions for use for the target diseases at the specific growth stages indicated.

Use AVASTEL as part of an Integrated Crop Management (ICM) strategy incorporating other methods of control including, where appropriate, other fungicides with a different mode of action.

Non-chemical measures such as resistant crop varieties, plant hygiene, and good agricultural practice should be taken into consideration to reduce the infection pressure of the target pathogens.

AVASTEL should be used preventively and should not be relied on for its curative potential.

There is a significant risk of widespread resistance occurring on *Ramularia collo-cygni* populations to a number of different modes of action. Repeated use of products containing the same mode of action are unlikely to provide effective control of this disease. For further advice on resistance management in DMI's contact your agronomist or specialist advisor.

You must not apply more than two foliar applications of products containing complex II: succinate-dehydro-genase inhibitors (SDHI's) to any cereal crop.

AVASTEL contains a DMI fungicide. Resistance to some DMI fungicides has been identified in *Septoria* leaf spot (*Zymoseptoria tritici*) which may seriously affect the performance of some products. For further advice on resistance management in DMI's contact your agronomist or specialist advisor and visit the FRAG-UK website. Failure to follow resistance management action may result in reduced levels of disease control.

## **DISEASES CONTROLLED**

### **Wheat**

Leaf spot (*Zymoseptoria tritici*) (C)

Tan spot (*Pyrenophora tritici - repentis*) (C)

Yellow rust (*Puccinia striiformis*) (C)

Brown rust (*Puccinia triticina*) (C)

Powdery mildew (*Blumeria graminis*) (C)

Ear complex diseases - Fusarium (*Fusarium spp.*) and Head blight (*Microdochium spp.*) (R)

### **Barley**

Leaf blotch (*Rhynchosporium secalis*) (MC)

Net blotch (*Pyrenophora teres*) (C)

Leaf spot (*Ramularia collo-cygni*) (C)

Brown rust (*Puccinia hordei*) (C)

Powdery mildew (*Blumeria graminis*) (C)

### **Rye**

Brown rust (*Puccinia recondita*) (C)

Leaf blotch (*Rhynchosporium secalis*) (C)

### **Triticale**

Leaf spot (*Zymoseptoria tritici*) (C)

Brown rust (*Puccinia recondita*) (C)

Yellow rust (*Puccinia striiformis*) (C)

Tan spot (*Pyrenophora tritici - repentis*) (C)

Powdery mildew (*Blumeria graminis*) (C)

Control (C)

Moderate Control (MC)

Reduction (R)

## **CROP SPECIFIC INFORMATION**

### **Time of application**

A maximum of one application of AVASTEL can be applied to any crop.

For best results apply AVASTEL as a protectant treatment, before the disease appears and when disease forecasts indicate the onset of disease is imminent.

### **Cereals (foliar diseases)**

Apply AVASTEL from BBCH 30 (beginning of stem elongation) up to and including BBCH 69 (up to the end of flowering) on wheat, rye and triticale and up to and including BBCH 65 (up to mid-flowering) on barley.

A second application of an alternative product may be needed where AVASTEL has been used at the earlier timing to control diseases. AVASTEL can be used later in the spray program after an earlier application of an alternative product.

### **Wheat (ear diseases)**

Apply AVASTEL soon after ear emergence until the end of flowering (BBCH 59-69) for moderate control of *Fusarium* ear blight. Control of ear diseases can result in cleaner, brighter ears. Through the reduction of ear blight AVASTEL effectively reduces the level of the *Fusarium* mycotoxin deoxynivalenol (DON) in wheat grain. However, where *Fusarium* levels are high, the reduction achieved may not always be sufficient to ensure that DON levels fall below the statutory limit.

### **RATE OF USE**

For all crops apply AVASTEL at 1.25 L/ha in a water volume of 125-400 L/ha.

Apply as a medium spray as defined by BCPC.

### **MIXING AND SPRAYING**

For use by tractor mounted/trailed horizontal sprayer only.

Ensure the sprayer is clean and in good working order. Calibrate according to the sprayer manufacturer's recommendations.

Half-fill the spray tank with clean water and begin agitation. Shake the container and add the required amount of AVASTEL to the sprayer using a filling device (e.g. induction bowl or closed transfer unit) or by direct addition to the sprayer tank. Add the rest of the water and continue to agitate the mixture thoroughly. Always agitate during spraying.

On emptying the container, 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 container safely. Add the remainder of the water whilst continuing to agitate the mixture until spraying is complete.

Do not leave the sprayer standing with the spray mixture overnight.

### **Spraying**

Ensure that the sprayer boom is adjusted in height so that the spray pattern gives good, even cover.

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## 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.

Authorised to and marketed by:

ADAMA Agricultural Solutions UK Ltd

Third Floor East

1410 Arlington Business Park

Theale

Reading

RG7 4SA

UK

Tel: 00 44 1635 860555

Technical helpline: 00 44 1635 876622

[www.adama.com](http://www.adama.com)

Email: [ukenquiries@adama.com](mailto:ukenquiries@adama.com)

Distributed in Ireland by:

Croplink (Ireland) Ltd

Springhill

Carrigtwohill

Co. Cork

T45 F685

Ireland

Tel: + (0)21 4882806

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