

# Tucana<sup>®</sup>



## MAPP 10899

An emulsifiable concentrate containing 250 g/litre (23.8% w/w) pyraclostrobin. A protectant fungicide with curative properties, for use in winter wheat, winter barley, spring wheat, spring barley and oats.

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 equipment:

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND 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 that they provide an equal or higher standard of protection.

AVOID ALL CONTACT WITH SKIN.

WASH HANDS AND EXPOSED SKIN before meals and after work.

IF YOU USE DO NOT EAT, DRINK OR SMOKE.

IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible).

#### Environmental protection

Do not contaminate water with the product or its container.

Do not clean equipment near surface water.

Avoid contamination via drains from farmyards and roads.

To protect aquatic organisms respect an unsprayed buffer zone to surface water bodies in line with LERAP requirements.

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 metres of the top of the bank of a static or flowing water body, unless a Local Environmental Risk Assessment for Pesticides (LERAP) permits a narrower buffer

zone, or within 1 metre from the top of a ditch which is dry at the time of application.

DO NOT ALLOW DIRECT SPRAY from hand-held sprayers to fall within 1 metre of the top of the bank of a static or flowing water body.

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 CRD'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.

#### Storage and disposal

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS. KEEP OUT OF REACH OF CHILDREN.

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

DO NOT RE-USE CONTAINER for any other purpose.

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

**This label is compliant with the CPA Voluntary Initiative Guidance**



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Supplied by: BASF plc, 4th and 5th Floors, 2 Stockport Exchange, Railway Road, Stockport SK1 3GG,  
Telephone: 0161 475 3000

Emergency Information (24 hours freephone): 0049 180 227 3112  
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## Warning

**Harmful if swallowed.**

**Causes skin irritation.**

**May cause an allergic skin reaction.**

**Harmful if inhaled.**

**May cause respiratory irritation.**

**Very toxic to aquatic life with long lasting effects.**

Wear protective gloves.

Avoid breathing mist.

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice/attention.

Store in a well-ventilated place. Keep container tightly closed.

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.**



## IMPORTANT INFORMATION

**FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE, as directed below:**

Crops	Maximum individual dose	Maximum number of treatments	Latest time of application
Winter and spring wheat	1.0 litre product per hectare	2 per crop	Before grain watery ripe (GS 71)
Winter and spring barley, oats	1.0 litre product per hectare	2 per crop	Up to and including emergence of ear just complete (GS 59)

Other specific restrictions:

To reduce the risk of resistance developing in target diseases the total number of applications of products containing QoI fungicides made to any cereal crop must not exceed two.

The maximum concentration must not exceed 1 litre of product in 200 litres of water.

**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.**

## 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.

Tucana is a fungicide with protectant and curative properties for disease control in winter and spring wheat, winter and spring barley and oats.

Yield response may be obtained in the absence of visual disease.

## Restrictions/Warnings

**Extreme care must be taken to avoid drift onto nearby crops.**

Wash equipment thoroughly after use.

You must not apply more than two foliar applications of Qol containing products to any cereal crop. See also, Resistance Management, below.

## Disease control

Tucana is a fungicide with protectant and curative properties for disease control in winter and spring wheat, winter and spring barley and oats as summarised below:

	Winter Wheat	Spring Wheat	Winter Barley	Spring Barley	Oats
<i>Septoria tritici</i> (See Note 1)	C	C			
<i>Septoria nodorum</i> (See Note 2)	MC	MC			
Yellow rust	C	C	C	C	
Brown rust	C	C	C	C	
Crown rust					C
Net blotch			C	C	
<i>Rhynchosporium</i>			MC	MC	

C = Control

MC = Moderate Control

**NOTE 1:** *S. tritici*: Tucana is recommended for control of *S. tritici* with moderate curative ability in the latent phase.

**NOTE 2:** *S. nodorum*: Tucana is recommended for control of *S. nodorum* with best results achieved when used as a protective treatment or during early stages of disease establishment.

## Resistance Management

GROUP	11	FUNGICIDE
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Tucana contains pyraclostrobin, a member of the QoI cross resistance group. Tucana should be used preventatively and should not be relied on for its curative potential.

On cereal crops, Tucana must always be used in mixture with another product, recommended for control of the same target disease that contains a fungicide from a different cross resistance group and is applied at a dose that will give robust control.

Use Tucana 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. You must not apply more than two foliar applications of QoI containing products to any cereal crop.

There is a significant risk of widespread resistance occurring in *Septoria tritici* populations in the UK. Failure to follow resistance management action may result in reduced levels of disease control.

## Crop Specific Information

Tucana is a fungicide with protectant and curative properties for disease control in winter and spring wheat, winter and spring barley and oats.

### Time of Application

Apply Tucana at the start of foliar disease attack. A maximum of two applications can be made before grain watery ripe in winter and spring wheat and up to and including emergence of ear just complete in winter and spring barley and oats.

### Rate of Application

Apply 1 litre Tucana in a minimum of 200 litres of water per hectare.

## Mixing and Application

### Mixing

Half fill the spray tank with clean water and start the agitation.  
**SHAKE THE CONTAINER WELL** before use and pour in the required amount of product. Rinse any empty containers thoroughly and add rinsings to the spray tank.  
Add the remainder of the water and continue agitation until spraying is completed.

When tank mixes are to be used, each product should be added separately to the spray tank.

All tank mixes should be used immediately after mixing.

### **Application**

Apply as a MEDIUM spray, as defined by BCPC.

### **Compatibility**

For details of compatibilities contact your local BASF representative or the BASF Technical Services Hotline: 0044 845 602 2553.

### **Trade Mark Acknowledgments**

Tucana is a registered trademark of BASF

### **The following does not form part of the authorised label text.**

With many products there is a general risk of resistance developing to the active ingredients. For this reason a change in activity cannot be ruled out. It is generally impossible to predict with certainty how resistance may develop because there are so many crop and use connected ways of influencing this. We therefore have to exclude liability for damage or loss attributable to any such resistance that may develop. To help minimise any loss in activity the BASF recommended rate should in all events be adhered to.

Numerous, particularly regional or regionally attributable, factors can influence the activity of the product. Examples include weather and soil conditions, crop plant varieties, crop rotation, treatment times, application amounts, admixture with other products, appearance of organisms resistant to active ingredients and spraying techniques. Under particular conditions a change in activity or damage to plants cannot be ruled out. The manufacturer or supplier is therefore unable to accept any liability in such circumstances. All goods supplied by us are of high grade and we believe them to be suitable, but as we cannot exercise control over their mixing or use or the weather conditions during and after application, which may affect the performance of the material, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded and no responsibility will be accepted by us for any damage or injury whatsoever arising from their storage, handling, application or use; but nothing should be deemed to exclude or restrict any liability upon us which cannot be excluded or restricted under the provisions of the Unfair Contract Terms Act 1977 or any similar applicable law.

## Section 6 of the Health and Safety at Work Act

### Additional Product Safety Information

The product label provides information on a specific pesticidal use of the product; do not use otherwise, unless you have assessed any potential hazard involved, the safety measures required and that the particular use has “off-label” approval or is otherwise permitted under the Plant Protection Products Regulations.

The information on this label is based on the best available information including data from test results.

### Safety Data Sheet

To access the Safety Data Sheet for this product scan the QR code or use the weblink below:



[agricentre.basf.co.uk/Tucana/MSDS](http://agricentre.basf.co.uk/Tucana/MSDS)

Alternatively, contact your supplier.

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