

AgCelence®

Expect more

# Tucana®

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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  
clothing:

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 they provide an equal or  
higher standard of protection.

AVOID ALL CONTACT WITH SKIN.

WASH HANDS AND EXPOSED SKIN before meals and after work.

WHEN USING 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 restrict 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 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. DO NOT ALLOW DIRECT SPRAY from hand-held  
sprayers to fall within 1 m 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 Environmental 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 CRDs 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 FEEDINGSTUFFS.

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 safely.

DO NOT RE-USE CONTAINER for any purpose.

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

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This label is compliant with the  
CPA Voluntary Initiative Guidance

  
The  
Voluntary  
Initiative

Supplied by:

BASF plc

Crop Protection

PO Box 4, Earl Road

Cheadle Hulme, CHEADLE

Cheshire SK8 6QG

Tel: 0161 485 6222

Emergency Information:

(24 hours freephone):

0049 180 2273112

Technical Enquiries:

0845 602 2553 (office hours)

**UN 3082**  
Packing Group III  
Environmentally hazardous  
substance, liquid, N.O.S.  
(contains pyraclostrobin  
and solvent naphtha)  
Marine Pollutant

 **BASF**  
We create chemistry

81104606GB1016



® = Registered trademark of BASF

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## WARNING

**CAUSES SKIN IRRITATION.**

**HARMFUL IF INHALED.**

**HARMFUL IF SWALLOWED.**

**MAY CAUSE AN ALLERGIC SKIN REACTION.**

**VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.**

**MAY CAUSE RESPIRATORY IRRITATION.**

AVOID BREATHING MIST.

WEAR PROTECTIVE GLOVES.

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.**



**This product is approved under the Plant Protection Products Regulations 1995.**

## 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 Qol 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.

### 1. 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 QoI containing products to any cereal crop. See also 2.1, Resistance Management, below.

### 2. 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.



## 2.1 Resistance Management

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.

## 3. Crops

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

### 3.1 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.

### 3.2 Rate of Application

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

## 4. Mixing and Spraying

Apply as a MEDIUM spray, as defined by BCPC.

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.

## 5. Compatibility

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





**The following does not form part of the product label under the Plant Protection Product Regulations 1995:-**

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:



[http://www.agricentre.basf.co.uk/go/tucana\\_sds](http://www.agricentre.basf.co.uk/go/tucana_sds)

Alternatively, contact your supplier.



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