

# Vivando®

A fungicide for control of cobweb mould in mushrooms

An suspension concentrate containing 500 g/litre (42.4% w/v) metrafenone

## Risk and Safety Information

Toxic to aquatic life with long lasting effects.

Collect spillage.

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.

May produce an allergic reaction. Contains: 1,2-benzisothiazol-3(2H)-one

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

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**UN 3082**

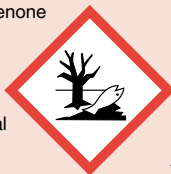
Packing Group III

Environmentally hazardous substance, liquid, M.O.S.

(contains metrafenone 42%)

Marine Pollutant

MAPP 18026  
PCS 05685



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

## 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 or applying the product.

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 (show label where possible).

However, engineering controls may replace personal protective equipment if a COSHH assessment shows that they provide an equal or higher standard of protection (UK only).

### 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 or roads).

### 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 safely.

DO NOT RE-USE CONTAINER for any purpose.

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

FOR PROFESSIONAL USE ONLY

This label is compliant with the CPA  
Voluntary Initiative Guidance (UK only)



This product is approved under Plant Protection Products Regulation (EC) 1107/2009.

## IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL FUNGICIDE.

Crops	Maximum individual dose (product)	Maximum number of applications (product)	Latest time of application
Mushroom	10 l/ha (1 ml/m <sup>2</sup> )	1	10 days before harvest

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE.

MAPP 18026  
PCS 05685



IE Marketing Company  
BASF Ireland Limited  
BASF plc, P O Box 4,  
Earl Road, Cheadle Hulme,  
Cheshire, SK8 6QG, UK  
Telephone: 01 825 5701  
Fax: 01 825 2038

Technical Enquiries (Office hours):- Tel: 00 44 (0)845 602 2553  
Emergencies (24 hour freephone):- Tel: 00 49 180 2273112

UK Marketing Company  
BASF plc, P O Box 4,  
Earl Road, Cheadle Hulme,  
Cheshire, SK8 6QG  
Telephone 0161 485 622

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## 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.

### 1. Restrictions/Warnings

For professional use only.

This product must only be used where the spent mushroom compost will be disposed of on land at a maximum rate of 50 tonnes/hectare/year.

### 2. Disease control

Vivando is a fungicide for the control of cobweb (caused by *Dactylium dendroides*) in mushrooms.

#### 2.1 Resistance management

Vivando contains the fungicide metrafenone.

Vivando should be applied according to the manufacturer's recommended dose rate and instructions for the target crop and disease. The efficacy of this product may be reduced if strains of *Dactylium dendroides* which are resistant or less sensitive occur at any time.

### 3. Crop specific information

#### 3.1 Mushrooms

For the control of cobweb (caused by *Dactylium dendroides*), apply Vivando at a dose rate of 1 ml product per m<sup>2</sup> to the surface of the casing soil at the start of fruit yield.

The recommended spray water volume for the application is 150 ml/m<sup>2</sup>.

Treated crops should not be re-entered until spray deposits have completely dried.

A minimum of 10 days must elapse between application and harvest.

For technical advice contact your distributor, local BASF representative, the BASF Technical Services Hotline: 00 44 (0)845 602 2553 or visit our website at [www.agricentre.basf.co.uk](http://www.agricentre.basf.co.uk) (UK) or [www.agricentre.basf.ie](http://www.agricentre.basf.ie) (Ireland).

### 4. Mixing and Application

#### 4.1 Mixing

Never prepare more spray solution than is required.

Three quarters fill the tank with clean water and start the agitation. To ensure thorough mixing of the product, invert the container several times before opening. Add the required quantity of Vivando to the spray tank while re-circulating. Add the remainder of the water and continue agitation until spraying is completed.

When tank mixes are to be used, take due note of any instructions given as to the order of mixing. Each product should be added separately to the spray tank and fully dispersed before the addition of any further product(s).

This product may only be used in a tank mix or in sequence with other products when these uses comply with the label recommendations of every product in the tank mix/sequence.

All tank mixes should be used immediately after mixing.

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.

#### 4.2 Application

Apply as a FINE or MEDIUM spray, as defined by BCPC.

#### 4.3 Sprayer cleaning

After spraying, thoroughly clean and flush out application machinery with a minimum of three rinses.

**The following does not form part of the product label under Irish S.I. No. 159 of 2012 or under the Plant Protection Product Regulations (EC) 1107/2009:**

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 any applicable law.

**ADDITIONAL PRODUCT SAFETY INFORMATION**

This section does not form part of the product label under S.I. No. 159 of 2012.

## Safety Data Sheet

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



[http://www.agricentre.basf.ie/go/Vivando\\_sds](http://www.agricentre.basf.ie/go/Vivando_sds)

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



[bit.ly/Vivando\\_sds](http://bit.ly/Vivando_sds)

SPECIMEN -  
2017 TO DATE