

# Maccani®



## MAPP 13227

A water dispersible granule containing 40 g/kg (4% w/w) pyraclostrobin and 120 g/kg (12% w/w) dithianon.  
A protectant fungicide for use on apples and pears.

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:

Spray equipment must only be used where the operator's normal working position is within a closed cab on a tractor or on a self-propelled sprayer when making air-assisted applications to apples or pears.

WEAR SUITABLE PROTECTIVE GLOVES, FACE PROTECTION (FACESHIELD) AND SUITABLE RESPIRATORY PROTECTIVE EQUIPMENT (FFP2)

when handling the product.

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.

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 ALLOW DIRECT SPRAY from broadcast air-assisted spraying equipment to fall within 40m 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 5m of the top of a ditch which is dry at the time of application.

Aim spray away from water.

This product qualifies for inclusion within the Local Environmental Risk Assessment for Pesticides (LERAP) scheme for broadcast air-assisted sprayers. Before each spraying operation from a broadcast air-assisted 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

DO NOT RE-USE CONTAINER for any other purpose. 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.

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

#### Company Advisory Information\*

##### Loading directly into the spray tank:

Three quarters fill the spray tank with clean water and start agitation. Remove the top filter. **Slowly** add the required amount of product. Replace the top filter. Add the remainder of the water and continue agitation until spraying is completed.

\*Advisory Information is not part of the Product Label under the Control of Pesticides regulations 1986. This information provides additional advice on product use at the discretion of the approval holder.



# 5 kg

## UN 3077

Environmentally hazardous substance, solid, N.O.S., (contains dithianon 12%)  
Marine pollutant

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)

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**WARNING**  
**CAUSES SERIOUS EYE IRRITATION.**  
**HARMFUL IF INHALED.**  
**HARMFUL IF SWALLOWED.**  
**MAY CAUSE AN ALLERGIC SKIN REACTION.**  
**SUSPECTED OF CAUSING CANCER.**  
**VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.**

USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA.  
WEAR PROTECTIVE GLOVES/CLOTHING/EYE PROTECTION.

IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.

IF EXPOSED OR CONCERNED: CALL A POISON CENTER OR DOCTOR/PHYSICIAN.  
STORE LOCKED UP.

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 Control of Pesticide Regulations 1986.

## IMPORTANT INFORMATION

FOR USE ONLY AS AN HORTICULTURAL FUNGICIDE, as directed below:

Crops	Maximum individual dose	Maximum number of treatments	Latest time of application
Apples and pears	2.5 kg product per hectare	4 per crop	35 days before harvest

**Other specific restrictions:** A minimum interval of 7 days must be observed between applications.

**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.

### 1. Restrictions/Warnings

#### CONSULT PROCESSORS BEFORE USE.

Effects of treatment on fruit for preservation (jam, juice, canned) have not been fully assessed.

### 2. Disease Control

Maccani is a protectant and systemic fungicide for the control of apple scab (*Venturia inaequalis*), moderate control of powdery mildew (*Podosphaera leucotricha*) in apples and control of scab (*Venturia pirina*) in pears.

#### 2.1 Resistance Management

Maccani contains pyraclostrobin (a QoI inhibitor). Apply QoI fungicides according to manufacturer's recommendations for the target disease (or complex) at the specific crop growth stage indicated and adapted to size of trees. Effective disease management is a critical parameter in delaying the build-up of resistant pathogen populations.

QoI fungicides must be applied only in mixture with partners contributing to the effective control of the target pathogens. Maccani meets this requirement as it contains dithianon. To ensure the effectiveness of the dithianon component as a partner, Maccani should always be applied at the full recommended rate.

Maccani should be used preventatively and should not be relied on for its curative potential. Under high disease pressure the spray interval should be 7 days.

Use a maximum of four applications of Maccani per year. Where the total number of fungicidal treatments to crops are less than twelve, the maximum number of treatments with Maccani or other QoI products should be three.

A maximum of two consecutive QoI fungicide sprays is preferred. Where field performance may be adversely affected, apply QoI containing fungicides in mixtures in strict alternation with fungicides from a different cross-resistance group.

### 3. Crop specific information

#### 3.1 Apples and Pears

##### Time and rate of Application

Apply Maccani from the start of bud burst prior to disease development and repeat at 7 - 10 day intervals. Where disease pressure is high, use the 7 day spray interval for optimum disease control. Use a maximum of four applications of Maccani per year

It is recommended to apply Maccani at 2.5 kg of product per hectare in 250 – 1500 litres of water per hectare

Water volumes should be based on the size of the trees and leaf area at application and sufficient to ensure good coverage.





#### **Company Advisory Information\***

Maccani contains dithianon. Some apple varieties may be considered to be susceptible to russetting following dithianon treatments during fruit development.

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#### **4. Mixing and Spraying**

##### **Foliar application:**

Apply as a MEDIUM spray, as defined by BCPC.

Half fill the spray tank with clean water and start agitation. Slowly add in the required amount of product. Rinse empty containers and add rinsings to the spray tank. Add the remainder of the water and continue agitation until spraying is complete.

##### **5. Compatibility**

Contact your distributor or BASF representative for compatibility information.

##### **6. Trademark acknowledgements**

Maccani is a registered trademark of BASF.

**The following does not form part of the product label under the Control of Pesticides Regulations 1986.**

**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 Control of Pesticides 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/maccani\\_sds](http://www.agricentre.basf.co.uk/go/maccani_sds)

Alternatively, contact your supplier.

SPECIMEN



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