

# Masai®



MAPP 18287

A wettable powder containing 20% w/w tebufenpyrad. An acaricide for the control of mites in top fruit.

Tebufenpyrad is a METI I (mitochondrial electron transport inhibitor, Complex I) acaricide (IRAC MoA Group 21).

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), suitable protective gloves and face protection (faceshield) when handling the concentrate.

Wear suitable protective clothing (coveralls) and suitable protective gloves when handling contaminated surfaces.

Wear suitable protective clothing (coveralls) during application.

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

WASH ALL PROTECTIVE CLOTHING thoroughly after use, especially the insides of gloves.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

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

AVOID ALL CONTACT BY MOUTH.

WASH HANDS AND EXPOSED SKIN before meals and after work.

#### 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 and roads.

This product qualifies for inclusion within the Local Environmental Risk Assessment for Pesticides (LERAP) scheme. 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 three years.

DO NOT ALLOW DIRECT SPRAY from broadcast air-assisted sprayers to fall within 30m 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.

#### 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.

EMPTY CONTAINER COMPLETELY and dispose of safely.



# 1 kg

in 10 x 100 g water soluble bag

This label is compliant with the CPA Voluntary Initiative Guidance



#### 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 3077**  
Packaging Group III  
Environmentally Hazardous  
Substance solid, N.O.S.  
(contains Tebufenpyrad 20%,  
alcohol ethoxylate)  
Marine Pollutant



# Masai®

A wettable powder containing 20% w/w tebufenpyrad.



#### Warning:

Harmful if inhaled.

Harmful if swallowed.

Causes serious eye irritation.

May cause respiratory irritation.

May cause damage to organs (gastrointestinal tract) through prolonged or repeated exposure (oral).

Very toxic to aquatic life with long lasting effects.

Avoid breathing dust/mist/spray.

Wear eye protection.

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

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

Collect spillage.

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.

Contains tebufenpyrad. May cause an allergic reaction.

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

This product is approved under the Plant Protection Product Regulations.

### IMPORTANT INFORMATION

FOR USE ONLY AS A HORTICULTURAL ACARICIDE as directed below:

Crops	Maximum Individual Dose	Maximum Number of Treatments	Latest Time of Application
Apple, Pear	500 g product/ha (see 'Other Specific Restriction').	One per crop	7 days before harvest

#### Other specific restrictions:

The following maximum concentrations must not be exceeded: 500 g product/ 250- 2000 litres of water.

This product must not be applied via hand-held equipment.

**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.**



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# Masai®

**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.

Masai is an acaricide for the control of fruit tree red spider mite in top fruit.

## 1. Restrictions/Warnings

Before using Masai on crops to be processed for human consumption, consult your processor.

Do not apply by hand-held equipment.

**RISK TO NON-TARGET INSECTS OR OTHER ARTHROPODS.** The best available application technique, which minimises off-target drift should be used to reduce effects on non-target insects or other arthropods.

## 2. Pest control

Masai controls fruit tree red spider mite (*Panonychus ulmi*) in apples and pears.

Masai also provides moderate control of apple rust mite (*Aculus schlechtendali*) when applied against fruit tree red spider mite in apples.

Masai controls all spider mite stages from eggs (except winter eggs) to adults.

## 2.1 Resistance management

Masai is a mitochondrial electron transport inhibitor (METI) acaricide acting at Complex I (IRAC MoA Group 21).

To reduce the build-up of resistance, no more than one application of Masai should be made to any crop in any one growing season.

Other METI I acaricides should not be applied to the same crop in the same season as Masai either separately or in mixture.

Alternate/rotate METI-I applications with acaricides from other IRAC MoA groups.

It is recommended that if a METI-I acaricide is used as the last application of the growing season in a given field, a METI-I acaricide should not be used for the first application in that field the next growing season.

Preferably apply METI-I acaricides early in the season before the mite populations are well established.

For further advice on resistance management contact your agronomist or specialist advisor.

## 3. Crops

### 3.1 Apples and pears

Masai has been shown to have no effect on fruit quality or fruit finish.

### Rate of application

For the control of fruit tree red spider mite apply Masai at a rate of 500 g/ha in a water volume of 250-2000 litres/ha.

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

## Time of application

Applications must not be made before 90% petal fall. Apply Masai before the pest becomes established. Consult your adviser for current mite treatment thresholds.

Moderate control of apple rust mite can be achieved from applications made against fruit tree red spider mite in apples.

Do not apply later than 7 days before harvest.

## 4. Mixing and Spraying

One third fill the tank with water and start agitation.

Open the pack and remove the required number of water soluble bags with dry gloves. Add the bags to the tank and allow them to disperse. If there are any water soluble bags remaining in the pack, ensure that the pack is properly closed. DO NOT open the bags.

If tank-mixing, add the other product(s) only if Masai has fully dispersed.

Add the remainder of the water to the tank and continue agitation until spraying is complete.

Never prepare more spray solution than is required.

DO NOT REMOVE THE INNER LINER.

## The following does not form part of the product label under the Plant Protection Products Regulations.

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.



[bit.ly/Masai\\_sds](https://bit.ly/Masai_sds)

Alternatively, contact your supplier.

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