

# Hint<sup>®</sup>



An emulsifiable concentrate formulation containing 160g/L prothioconazole and 300g/L spiroxamine  
**FOR USE ONLY AS AN AGRICULTURE FUNGICIDE. Please see inside for DIRECTIONS FOR USE**

A fungicide for use on wheat, barley, oats, durum wheat, winter rye and triticale for the control of stem-base, foliar and ear diseases. Also contains N,N,-Dimethyl decanamide.

## FOR PROFESSIONAL USE ONLY

### Safety Information

#### WARNING

Harmful if swallowed.

Harmful if inhaled.

Causes serious eye irritation.

May cause damage to organs (Eyes) through prolonged or repeated exposure.

Causes skin irritation.

May cause respiratory irritation.

Suspected of damaging the unborn child.

Very toxic to aquatic life with long lasting effects.

Wear protective gloves/protective clothing/eye protection/face protection.

Call a POISON CENTRE/doctor/physician if you feel unwell.

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.

Contains spiroxamine and 2-[2-(1-chlorocyclopropyl)2-hydroxy-3-phenylpropyl]-2,4-dihydro-3H-1,2,4-triazole-3-thione. May produce an allergic reaction.

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



Spiroxamine 300 g/L +  
Prothioconazole 160 g/L EC

Authorisation holder:

Finchimica S.p.A.

Via Lazio, 13, 25025 Manerbio  
(BS), Italy

Registered Company number:  
IT01573160983)

Technical Enq. 0039 030 9389 01  
Emergency No. 00 39 030 9389 01

[www.finchimica.it](http://www.finchimica.it)  
[info@finchimica.it](mailto:info@finchimica.it)

© Finchimica S.p.A. registered mark

**PROTECT FROM FROST**

 **FINCHIMICA**  
trust in agrosicence

UFI: EW70-GOXM-M00C-H8DN

## 1 Litre e

Batch number: see packaging

**SHAKE WELL BEFORE USE**

**PCS No. 06653**

## **SAFETY PRECAUTIONS**

### **Operator Protection**

Avoid contact with skin.

### **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).

To protect aquatic organisms, respect an unsprayed buffer zone of 5m to surface water bodies.

Spray must be aimed away from water.

### **Storage and disposal**

Keep out of reach of children.

Keep away from food, drink and animal feeding stuffs.

Store in a cool dry place.

Protect from frost.

Rinse container thoroughly by using an integrated pressure rinsing device or manual rinsing three times.

Add washings to sprayer at time of filling and dispose of safely.

Do not re-use container for any purpose.

### **READ ALL INSTRUCTIONS CAREFULLY BEFORE USE.**

### **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.**

Hint is recommended for control of a wide variety of diseases on winter and spring wheat, winter and spring barley, winter and spring oats, durum wheat, triticale and winter rye. Hint contains prothioconazole, a DMI inhibitor belonging to the triazolinthione chemical group (SBI Class 1; FRAC Group 3), and spiroxamine, belonging to the spiroketal-amines chemical group (SBI Class 2; FRAC Group 5).

### **RESISTANCE STRATEGY**

Hint alone should not be repeatedly applied to a high resistance risk cereal pathogen, such as Powdery mildew.

Alternating (or tank mixing) fungicides with a different mode of action has been shown to reduce the occurrence of insensitive strains of these pathogens.

Resistance of *Zymoseptoria tritici* (*Septoria tritici*) is known for some fungicides. All precautions to reduce the risk of resistance occurring must be adhered to. Reduce the selection pressure for insensitive strains of *Zymoseptoria tritici* (for example, by tank mixing with another fungicide with a different mode of action which is active against *Zymoseptoria tritici*). Consult your advisor for current resistance advice and a strategy for preventing and managing resistance in the cereal pathogens listed on this label.

For additional information the Fungicide Resistance Action Committee (FRAC) regularly updates recommendations that may be consulted via their website [www.FRAC.info](http://www.FRAC.info)

**CAUTION:** Isolates of certain cereal diseases with decreased sensitivity to DMI fungicides are known to exist. The possible development of disease strains resistant to Hint cannot be excluded or predicted. Where such resistant strains occur, Hint is unlikely to give satisfactory control.

#### RATE OF USE

Crops	Maximum individual dose (L product/ha)	Maximum number of treatments (per season)	Minimum interval between treatments	Latest time of application
Wheat, durum wheat, winter rye and triticale	1.25 L/ha	2	14 days	Before caryopsis watery ripe stage (BBCH 71)
Barley and oats	1.25 L/ha	2	14 days	Beginning of flowering (BBCH 61)

#### APPLICATION AND WATER VOLUMES

Hint should be applied at a rate of 1.25L/ha as a MEDIUM quality spray (as defined by BCPC) at a pressure of 2-3 bar using a tractor mounted/trailed sprayer.

Apply Hint in 100-300 litres of water per hectare.

Use the higher water volumes where the crop is dense or disease pressure/risk is high, to ensure good penetration to the lower leaves and to the stem base. Reduced water volumes may compromise disease control where good spray coverage cannot be achieved.

## DISEASES CONTROLLED

Hint is a fungicide for use on all varieties of wheat, barley, oats, winter rye and triticale for the control of fungal stem base, foliar and ear diseases. The susceptibility of the disease to application of Hint is shown in the table below:

Crop	Disease	Susceptibility
Wheat	Eyespot Septoria leaf blotch Septoria glume blotch Powdery mildew Yellow rust Brown rust Tan spot Fusarium ear blight Sooty moulds	Reduction Moderate control Moderate control Control Control Moderate control Moderate control Moderate control Reduction
Barley	Eyespot Powdery mildew Yellow rust Brown rust Fusarium ear blight Rhynchosporium leaf scald Net blotch Sooty moulds	Reduction Control Control Control Moderate control Control Control Reduction
Oats	Eyespot Powdery mildew Brown rust	Reduction Control Control
Rye (winter)	Eyespot Septoria leaf blotch Septoria glume blotch Powdery mildew Brown rust Fusarium ear blight Sooty moulds Rhynchosporium leaf scald	Reduction Moderate control Moderate control Control Control Moderate control Reduction Control
Triticale	Eyespot Septoria leaf blotch Powdery mildew Yellow rust Brown rust Fusarium ear blight Sooty moulds Rhynchosporium leaf scald	Reduction Moderate control Control Control Control Moderate control Reduction Control

## **TIMING**

Application timing is dependent on the disease present/forecast-see section below for further information:

### **Septoria Leaf Blotch and Glume Blotch (*Zymoseptoria tritici* formerly *Septoria tritici* and *Parastagonospora nodorum* formerly *S. nodorum*)**

Hint should be applied before disease is established in the crop.

To ensure protection of the upper leaves and ear apply at full flag leaf emergence (BBCH 37) up to mid-flowering (BBCH 65). If disease pressure remains high a second application may be necessary. When symptoms are present on the upper leaves applications are likely to be less effective.

### **Eyespot (*Oculimacula* spp.)**

Hint should be applied in the spring at the first signs of disease, from when the leaf sheaths begin to become erect until the 2nd node detectable stage (BBCH 30-32).

### **Powdery mildew (*Blumeria graminis*)**

Hint should be applied at first signs of disease. A second application may be necessary if disease pressure remains high.

### **Brown rust (*Puccinia hordei* and *Puccinia recondita*)**

Hint should be applied at the first signs of disease. A second application can be made if re-infection occurs, 2-3 weeks later. Applications to established disease is likely to be less effective.

### **Crown rust (*Puccinia coronata*)**

Hint should be applied at the first signs of disease. A second application can be made if re-infection occurs, 2-3 weeks later. Applications to established disease is likely to be less effective.

### **Yellow rust (*Puccinia striiformis*)**

Hint should be applied at the first signs of disease. A second application can be made if re-infection occurs, 2-3 weeks later. Applications to established disease is likely to be less effective.

### **Tan spot (*Pyrenophora tritici-repentis*)**

Hint should be applied at the first signs of disease, in the spring or early summer A second application can be made if disease pressure remains high.

### **Fusarium ear blight**

Hint should be applied at ear emergence until the end of flowering (BBCH 59-69). Cleaner and brighter ears can be seen if ear diseases are controlled.

### **Leaf scald (*Rhynchosporium commune* formerly *R. secalis*)**

Hint should be applied in the spring or early summer, at the first signs of disease. A second application may be necessary 2-3 weeks later for severe infections.

### **Net Blotch (*Pyrenophora teres*)**

Hint should be applied in the spring or early summer at the first signs of disease. A second application, 2-3 weeks later, may be necessary for severe infections and will be most effective when applied whilst conditions remain favourable for disease development.

### **MIXING AND SPRAYING**

Before use ensure that all application equipment is clean, check filters and jets for damage and blockages. Adjust boom height to ensure even coverage of the crop, the correct height is one at which the spray from alternative nozzles meets just above the crop.

Before use, shake the pack of Hint. Add half the required volume of water and start agitation, add the required quantity of Hint. Fill the tank to the required volume whilst maintaining agitation. Continuous agitation must be maintained until spraying is complete. Use the spray immediately after mixing.

All application equipment must be thoroughly cleaned with water and detergent prior to storage or use on another crop.

### **Company Disclaimer**

Finchimica S.p.A., as the seller, shall be under no liability (except for liability for death or personal injury resulting from the negligence of the seller) whether in contract or in tort, for or in respect of any loss or damage resulting from an arising out of the mixing or sequential use, of the goods with any other goods (whether the seller or any third-party) otherwise than in accordance with the Seller's Recommendations for Use, or resulting from or arising out of the use of the goods in or before abnormal weather conditions or in unusual soil conditions notwithstanding that such conditions may be known or may have been known to the Seller, or on plant varieties not known to the Seller to be abnormally susceptible to damage by the goods.

Authorisation holder:

Finchimica S.p.A, via Lario, 15, 25025 Manerbio (BS), Italy (Registered Company number: IT00573160983)

Marketing company: