

An emulsifiable concentrate formulation containing 160 g / l prothioconazole and 300 g / l spiroxamine. A professional use fungicide for use on wheat, barley, oats, rye, and triticale for the control of stem-base, foliar and ear diseases. Also contains N,N, -Dimethyl decanamide.

**RISK & SAFETY INFORMATION – 24 HOUR  
EMERGENCY NUMBER: +44(0)1763 212100**

GROUP	3	FUNGICIDE
GROUP	5	FUNGICIDE

## WARNING



- **Harmful if swallowed**
- **Harmful if inhaled**
- **Causes serious eye irritation**
- **May cause damage to organs 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.
- Protect from sunlight.
- 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.

UFI: V4E0-D01U-900J-V2XK

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

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

**SIPCAM UK CONDITIONS OF SUPPLY:** All goods supplied by us are of high grade, but as we cannot exercise control over their mixing or use, all conditions, and warranties, statutory or otherwise, as to the quality or fitness of our goods for any purpose, are excluded and no responsibility will be accepted by us for any damage or injury whatsoever arising from their storage, handling, application or use.

### Marketing Company

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SHAKE WELL BEFORE USE  
PROTECT FROM FROST



Scan to view the Safety Data Sheet

Alternatively, download the Safety Data Sheet from [sipcamluk.co.uk](http://sipcamluk.co.uk) or contact your supplier.

[sipcamluk.co.uk](http://sipcamluk.co.uk)

# FUNGICIDE

Net contents:

# 5Le

Batch number: SEE PACKAGE

  
**SIPCAM**  
UK

## IMPORTANT INFORMATION

### FOR USE ONLY AS A PROFESSIONAL FUNGICIDE

Crop	Maximum individual dose (L product/ha)	Maximum total dose (L product/ha per season)	Latest time of application	Spray interval, (days)	Aquatic buffer zone distance (m) *
Wheat, Rye, and Triticale	1.25	2	Before caryopsis watery ripe stage (BBCH 69)	21	6
Barley and Oats	1.25	2	Beginning of flowering (BBCH 61)	21	6

\* Horizontal boom sprayers must be fitted with three-star drift reduction technology for all uses. See Environmental Protection Phrases.

#### Other specific restrictions:

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

Non-returnable containers must not be re-used for any purpose.

A minimum interval of 21 days must be observed between applications.

Only one application may be made before 30<sup>th</sup> April followed by a second application after 1<sup>st</sup> May

Alternatively, two applications can be made after 1<sup>st</sup> May.

**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.**

## 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 (FACE SHIELD) when handling the concentrate.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) and SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.  
WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) when applying the product.

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

WASH ANY CONTAMINATION from eyes immediately.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

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

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.  
To protect aquatic organisms, respect an unsprayed buffer zone to surface water bodies as specified for the crop.

**HORIZONTAL BOOM SPRAYERS MUST BE FITTED WITH THREE STAR DRIFT REDUCTION TECHNOLOGY FOR ALL USES.**

Low drift spraying equipment must be operated according to specific conditions stated in the official three-star rating for that equipment as published on HSE Chemicals Regulation Directorate's website. These operating conditions must be maintained until the operator is 30m from the top of the bank of any surface water bodies.

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within the distance specified for the crop to the top of the bank of a static or flowing water body, or within 1m of the top of a ditch which is dry at the time of application.

Aim spray away from water. NOTE: BUFFER ZONES OF MORE THAN 5 M CANNOT BE REDUCED UNDER THE LOCAL ENVIRONMENT RISK ASSESSMENT FOR PESTICIDES (LERAP) SCHEME.

The statutory buffer zone must be maintained, and the distance recorded in Section A of the LERAP record form.  
The LERAP record form must be kept available for three years.

### Storage and Disposal

KEEP OUT OF REACH OF CHILDREN.  
KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

KEEP IN ORIGINAL CONTAINER, tightly closed in a safe place.  
DO NOT RE-USE CONTAINER for any purpose.  
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.

## 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.

## DISEASES CONTROLLED

HINT™ is a fungicide for use on all varieties of wheat, barley, oats 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: The susceptibility of the disease to application of HINT™ is shown in the table below.

Note: Effectiveness using three-star drift reduction technology may be reduced.

Crop	Disease	Susceptibility
Wheat	Eyespot	Control
	Septoria leaf blotch	Control
	Septoria glume blotch	Control
	Powdery mildew	Control
	Yellow rust	Control
	Brown rust	Moderate control
	Tan spot	Moderate control
	Ear disease complex (Fusarium ear blight)	Moderate control
Barley	Sooty mould	Reduction
	Eyespot	Control
	Powdery mildew	Control
	Yellow rust	Control
	Brown rust	Control
	Rhynchosporium leaf scald	Control
Oats	Net blotch	Control
	Eyespot	Control
	Crown rust	Control
Rye	Mildew	Control
	Eyespot	Control
	Powdery mildew	Control
	Brown rust	Control
	Ear disease complex (Fusarium ear blight)	Moderate control
	Sooty mould	Reduction
	Rhynchosporium leaf scald	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* and *Stagonospora nodorum*)

Apply HINT™ 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 (*Oculimaculata* spp.)

Apply HINT™ 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*)

Apply HINT™ at first signs of disease. A second application may be necessary if disease pressure remains high.

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

Apply HINT™ at the first signs of disease. A second application can be made if re-infection occurs. Applications to established disease is likely to be less effective.

### Crown rust (*Puccinia coronata*)

Apply HINT™ at the first signs of disease. A second application can be made if re-infection occurs. Applications to established disease is likely to be less effective.

### Yellow rust (*Puccinia striiformis*)

Apply HINT™ at the first signs of disease. A second application can be made if re-infection occurs. Applications to established disease is likely to be less effective.

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

Apply HINT™ at the first signs of disease in Spring or early Summer. A second application can be made if disease pressure remains high.

### Ear disease complex

Apply HINT™ 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*)

Apply HINT™ in the spring at the first signs of disease. A second application may be necessary for severe infections.

### Net Blotch (*Pyrenophora teres*)

Apply HINT™ in the spring/early summer at the first signs of disease. A second application may be necessary for severe infections and will be most effective when applied whilst conditions remain favourable for disease development.

## CROP SPECIFIC INFORMATION

Crop	Maximum individual dose (L product/ha)	Maximum total dose (L product/ha per season)	Latest time of application	Minimum Spray interval, (days) #
Wheat, Rye, and Triticale	1.25	2	Before caryopsis watery ripe stage (BBCH 69)	21
Barley and Oats	1.25	2	Beginning of flowering (BBCH 61)	21

# Only one application may be made before 30<sup>th</sup> April followed by a second application after 1<sup>st</sup> May. Alternatively, two applications can be made after the 1<sup>st</sup> May.

## MIXING AND SPRAYING

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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.

Thoroughly shake the pack before use.

Add the required quantity of 'HINT™' to the half-filled spray tank with the agitation system in operation and then fill to the required level. Continue agitation at all times during spraying and stoppages until the tank is completely empty.

Spray immediately after mixing.

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

Apply as a medium spray quality (as defined by BCPC).

A spray pressure of 2-3 bar is recommended.

Apply HINT™ in 100-300 litres of water per hectare. Where the crop is dense or disease pressure/risk is high, to ensure good penetration to the lower leaves and to the stem base, use higher water volumes of up to 400L/ha. Reduced water volumes may compromise disease control where good spray coverage cannot be achieved.

## RESTRICTIONS OR WARNINGS

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Crops should not be re-entered until spray residues are dry.

### Resistance

HINT™ contains prothioconazole, a DMI inhibitor belonging to the triazolothione chemical group (SBI Class I; FRAC Group 3), and spiroxamine, belonging to the spiroketal-amines chemical group (SBI Class 2; FRAC Group 5). Resistance to some DMI fungicides has been identified in Septoria leaf blotch (*Zymoseptoria tritici*) which may seriously affect the performance of some products. For further advice on resistance management in DMI's contact your agronomist or specialist advisor and visit the FRAG-UK website. The possible development of disease strains resistant to HINT™ cannot be predicted or excluded. Where such resistance occurs or develops HINT™ is unlikely to give satisfactory control.



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