

# FUNGICIDE

GROUP M02 FUNGICIDE

# VERTIPIN®

## Suspension Concentrate (SC) PCS N°.: 07220

**DANGER**



UFI: 14P4-J0C5-0TMG-1XMN  
PCS: No. 07220

VERTIPIN® contains 700 g/L of sulphur.

**CAUSES SERIOUS EYE DAMAGE**

Wear eye protection.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor / physician.

Dispose of contents/container to a licenced hazardous waste disposal contractor or collection site except for triple rinsed empty 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.**

**COMPOSITION:**  
**700 g/l (51.3 % w/w)**  
**of sulphur**

✓ Read the label carefully before using the product.

✓ For use only as a professional fungicide.

For batch number and date of manufacture: see pack.  
Product to be used by: see date on the pack.

**Content:**

# 10 L

**PINE TERPENES  
TECHNOLOGY**

 **ACTIONPIN**  
THE NATURE OF EFFECTIVENESS

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**SIPCAM**  
UK

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VERTIPIN® is a suspension concentrate (SC) fungicide containing 700 g/L (51.3% w/w) of sulphur for the post-emergence control of powdery mildew in winter and spring wheat, grape, sugar beet and fodder beet.

#### DIRECTIONS FOR USE

**IMPORTANT:** This information is authorised 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.

#### GENERAL INFORMATION

VERTIPIN® is a suspension concentrate (SC) fungicide containing 700 g/L (51.3% w/w) of sulphur for the post-emergence control of powdery mildew in winter and spring wheat, grape, sugar beet and fodder beet.

#### WARNINGS AND RESTRICTIONS

DO NOT APPLY under windy conditions.

#### DISEASE CONTROLLED

VERTIPIN® is a post-emergence fungicide used to control powdery mildew. Two applications of VERTIPIN® can give some control of powdery mildew on cereals. However, results may be variable especially in showery weather. Active established mildew may not be adequately controlled by sulphur.

#### RESISTANCE MANAGEMENT

Sulphur belongs to the FRAC (Fungicide Resistance Action Committee) group M2 (Multiple site contact activity). Sulphur is a mineral active substance with multisite mode of action. Sulphur affects numerous biochemical reactions implicated in cell respiration. As the resistance risk to sulphur is considered low, no specific resistance management strategy is considered to be required, beyond adhering to the instructions on the proposed label. In addition, sulphur could be used in fungicide programs in resistant management of single-site fungicides.

#### APPLICATION

Do not interrupt the application of VERTIPIN®. Maintain agitation during application and transport. In case of spraying in high disease pressure, use water volumes  $\geq 150$  L/ha with a pressure  $> 1,5$  bar.

#### METHOD OF APPLICATION

Tractor mounted/trailed horizontal sprayer. Extreme care must be taken to avoid spray drift on to non-target plants of the target area.

#### MIXING

Fill the sprayer tank up to three quarter with clean water and begin gentle agitation. Add the required quantity of product into the sprayer tank and allow to disperse fully. If necessary, add the other plant protection products and continue agitation. Fill up the tank with clean water to the required level whilst still maintaining agitation.

#### TANK MIXTURES

Perform a compatibility test before mixing. Do not mix VERTIPIN® with oils or products containing mineral oil. VERTIPIN® does not require the addition of adjuvant.

#### FOLLOWING CROPS

VERTIPIN® is a fungicide and has no herbicidal activity. Since sulphur is an essential plant nutrient no harm will be caused to succeeding crops. Thus, it can be considered that no minimum waiting periods or other precautions between last application and sowing or planting succeeding crops are necessary. There is no limitation on choice of succeeding crops.

#### REPLACEMENT CROPS

In the event of a crop failure for any reason, no minimum waiting periods or other precautions between last application and sowing or planting replacement crops are necessary.

#### SPRAYER DECONTAMINATION

Used equipment should be cleaned daily after use. Final cleaning of the equipment with water or detergents is recommended. Slightly contaminated clothing may be washed with usual detergent and several changes of water, separated from other clothing. Heavily contaminated articles and those which cannot be decontaminated, e.g., leather boots, together with rags, cotton waste, etc., which have been used for cleaning up spillages, must be burnt in a licensed incinerator. Clothes must be torn or cut up before being sent to the licensed incinerator.

#### COMPANY ADVISORY INFORMATION (CAI)

This section is not part of the Product Label under Plant Protection Products Regulations. It provides additional advice on product use at the discretion of the applicant.

#### OTHER TEXT

The following uses are non-pesticidal uses and are not part of the text as controlled under Regulation (EC) 1107/2009: VERTIPIN® can also be used as a foliar feed on a variety of crops e.g.: oilseed rape, beets, grassland, turf, potatoes, vegetables, brassicas, and fruits. For advice on use of other crops, please consult your Distributor. For information on off-label EAMUs, please refer to the SIPCAM UK website: [www.sipcamuk.co.uk](http://www.sipcamuk.co.uk).

#### IMPORTANT INFORMATION: FOR USE ONLY AS A PROFESSIONAL FUNGICIDE.

Crop	Max. single dose	Max. no. of applications	Max. total dose	Time of Application
Wheat	6 L/ha	2 per crop	12 L/ha	BBCH 30-59
Grape	7.5 L/ha	12	90 L/ha	BBCH 19-83 / PHI 5 days
Sugar beet / Fodder beet	5 L/ha	2	10 L/ha	BBCH 31-49

**Other Specific Restrictions: 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. For the control of powdery mildew in wheat. A minimum interval of 10 days must be observed between applications. Water volume: 150 - 250 L/ha. Do not apply by hand-held equipment. The spray mixture must be stirred during application.**

#### FIRST AID MEASURES

If symptoms occur after exposure to this product, seek medical attention immediately and show this product label or the SDS. Remove to fresh air and keep at rest. Do not allow smoking or eating. Take off all contaminated clothing and footwear. IF INHALED: Remove to fresh air and keep at rest in half-upright position. Seek medical attention if fainting occurs. IF SKIN CONTACT: Remove all contaminated clothing. Wash skin with soap and rinse with plenty of water. Seek medical attention if irritation arises. Wash clothes before re-use. IF EYE CONTACT: Immediately rinse with water. Holding eyes open, continue rinsing for several minutes. Remove contact lenses as soon as possible if possible. Continue rinsing. Do not direct water towards non-affected eye. Seek immediately medical attention. IF SWALLOWED: Rinse mouth. Seek medical attention.

**24 HOUR EMERGENCY NUMBER: +44(0)1763 212100. In the event of an emergency, call the National Poisons Centre, Beaumont Hospital at 01 809 2566 or 01 837 9964.**

#### SAFETY PRECAUTIONS

##### Operator protection

Do not handle until all safety precautions have been read and understood. Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

WEAR SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate. WASH CONCENTRATE from skin immediately. WHEN USING, DO NOT EAT, DRINK OR SMOKE. REMOVE CONTAMINATED CLOTHING AND PROTECTIVE EQUIPMENT before meals and after work. WASH HANDS AND AVOID SKIN BEFORE meals and after work. WASH ALL PROTECTIVE CLOTHING thoroughly. 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. To protect non target insects / arthropods respect an unsprayed buffer zone of 5 m to non-crop land. Do not clean application equipment near surface water / Avoid contamination via drains from farmyards and 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. DO NOT RE-USE CONTAINER for any purpose. EMPTY CONTAINER COMPLETELY and dispose of safely.

##### TERMS AND CONDITIONS OF SUPPLY, SALE AND USE

The manufacturer / seller / authorisation holder guarantees that the delivered product meets the quality standards in force. The manufacturer / seller / holder of approval is not responsible for the results obtained nor any damage of any kind that would result from the storage, transportation or application of the product.



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