

UK-CONFUCIUS-10L-LABEL-20171114

size:160(w)x195(h)mm

FRONT

CONFUCIUS®

CONFUCIUS® - MAPP No: 17257

FOR USE ONLY AS AGRICULTURAL FUNGICIDE



Containing 375 g/l of chlorothalonil and 125 g/l of tebuconazole as Suspension Concentrate (SC) formulation
Broad spectrum fungicide for the control of wheat foliar diseases.

DANGER

H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H332 - Harmful if inhaled
H335 - May cause respiratory irritation
H351 - Suspected of causing cancer
H361d - Suspected of damaging the unborn child
H410 - Very toxic to aquatic life with long lasting effects

P261 - Avoid breathing vapours/spray.
P273 - Avoid release to the environment.
P280 - Wear eye protection.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P501 - 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.

EUH 401: To avoid risks to human health and the environment, comply with the instructions for use.

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



IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL FUNGICIDE

Winter Wheat:
Maximum Individual Dose: 2 litres product/hectare
Maximum Number of Treatments per crop: 2
Maximum Total Dose: 4 litres product/hectare
Latest Time of Application: Growth Stage BBCH 61

An aquatic buffer zone of 6 metres must be observed
Do not apply via hand-held equipment.
Applications must not be made before BBCH 30 (beginning of stem elongation). Only one application before BBCH 39 is allowed.

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.

Marketing company:
Rotam Europe Limited
Hamilton House
Mabledon Place
London WC1H 9BB

**PROTECT FROM FROST
SHAKE WELL BEFORE USE**

Net Content: 10L

Batch Number and production date:
see packaging



© registered trademark of Rotam

17111401

UK-CONFUCIUS-10L-LABEL-20171114

size:160(w)x195(h)mm

BACK

SAFETY PRECAUTIONS

(a) 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 gloves when handling contaminated surfaces.

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

DO NOT BREATHE SPRAY.

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

WASH ANY CONTAMINATION from skin or eyes immediately.

WASH HANDS AND EXPOSED SKIN before meals and after work.

KEEP OUT OF REACH OF CHILDREN.

(b) 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 REDUCING TECHNOLOGY. Low drift spraying equipment must be operated according to the specific conditions stated in the official three star rating for that equipment as published on HSE Chemicals Regulation Directorate's website. Maintain three star operating conditions until 30 m 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 1 m 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 ARE 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.

(c) Storage and Disposal

KEEP IN ORIGINAL CONTAINER, tightly closed in a safe place, EMPTY CONTAINER COMPLETELY and dispose of safely.

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.

CONFUCIUS is a suspension concentrate (SC) containing 375 g/l of chlorothalonil and 125 g/l of tebuconazole.

CONFUCIUS is used as a preventative treatment.

WHEAT

• **Septoria tritici** (Leaf spot) - moderate control only, application should be made prior to infection, from BBCH 30 until BBCH 61. A second application could take place with a minimum interval of 21 days. Applications made after disease infection are likely to be less effective.

CONFUCIUS may be applied at any stage between BBCH 30 and before BBCH 61, with maximum of one application before BBCH 39. A minimum interval of 21 days must be observed between applications

• **Puccinia recondita** (Brown rust), application should be made at the start of infection, from BBCH 30 until BBCH 61. A second application could take place with a minimum interval of 21 days.

MIXING

Half fill the tank with clean water and start agitation. Shake the container and pour in the required amount of **CONFUCIUS**. Rinse any empty containers thoroughly and add rinsing to the spray tank. Add the remainder of the water and continue agitation until spraying is completed.

GENERAL USE RECOMMENDATIONS

• As **CONFUCIUS** contains a contact fungicide, carefully apply the spray solution on the area to be protected.

• Apply as a medium quality spray, using a volume between 200 and 400 L/ha. Boom height and water volume should be adjusted to ensure good coverage of the crop, particularly at later growth stages.

• Do not apply under unfavourable weather conditions: wind, rain, high temperatures. Under high temperature (>25°C), apply early in the morning or late in the evening.

• Use recommended dose rates.

• Effectiveness using three star drift reduction technology may be reduced.

MODE OF ACTION

CONFUCIUS contains two active substances with different modes of action.

Chlorothalonil belongs to FRAC group M5: Multi site action. Chlorothalonil is a multi-site inhibitor affecting various enzymes and other metabolic processes in fungi. It inhibits spore germination and is toxic to fungal cell membranes. Chlorothalonil is a broad spectrum, contact, fungicide which prevents infection by fungi when applied as a protective barrier on the plant surfaces.

Tebuconazole belongs to FRAC group G: Sterol Biosynthesis Inhibitors (SBI) and more precisely to group G1 of DMI Fungicides (DeMethylation Inhibitors). In terms of mode of action tebuconazole acts on the membrane functions of the fungus: it inhibits the biosynthesis of Ergosterol, a protein precursor, by preventing demethylation. Tebuconazole is effective against various diseases in cereals. It exhibits systemic movement within the plant. Applications to established infections are likely to be less effective

RESISTANCE

Fungicide Resistance Action Committee (FRAC) classified fungicides by mode of action (MoA) to aid use in an effective and sustainable fungicide resistance management strategy. From FRAC, resistance to fungicides is defined as: «A heritable change in the sensitivity of a fungus population that is reflected in the repeated failure of a product to achieve an expected level of control when used according to the label recommendation for that species." In practice, alternations or sequences of compounds from different MoA groups provide a sustainable approach to resistance management. The presence of two active substances, with different modes of action, in **CONFUCIUS**, is a positive factor to decrease resistance risks on diseases controlled by both actives.

Maximum limits of pesticide residues are available on the following website:
http://ec.europa.eu/sanco_pesticides/public/index.cfm

TANK CLEANING

After use rinse spray tank thoroughly with water followed by a 1% solution of a proprietary tank cleaner (approx 80% of the spray tank volume) followed by a third rinse with water.

IMPORTANT: The product label provides information on a specific pesticidal use of the product; do not use otherwise. The information on this label is based on the best available information including data from test results.

Follow the code of practice for using plant protection products. 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.