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

**DANGER**
- May cause an allergic skin reaction
- Causes serious eye damage
- Harmful if inhaled
- May cause respiratory irritation
- Suspected of causing cancer
- Suspected of damaging the unborn child
- Very toxic to aquatic life with long lasting effects

Avoid breathing vapours/spray.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.

IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses if present and easy to do - continue rinsing.
Call a POISON CENTER or 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.

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

**IMPORTANT INFORMATION**
FOR USE ONLY AS A PROFESSIONAL FUNGICIDE

Professional use only

Spring Wheat, Winter Wheat;
Maximum Single Dose: 2 litres product/hectare
Maximum Total Dose: 4 litres product/hectare
Latest Time of Application: Before beginning of flowering (GS61)
Method of Application: Tractor mounted/trailed sprayer
Applications must not be made before GS 30 (beginning of stem elongation).
Only one application before GS 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.

For 24 hour emergency information contact the National Poisons Centre.
Telephone 00353 1 837 9964 or 00353 1 809 2166

Registration holder:
Rotam Agrochemical Europe Limited
Hamilton house, Mabledon Place
London WC1H 9BB

Marketing Company:
Arysta LifeScience Great Britain Ltd,
3-5 Melville Street, Edinburgh,
EH3 7PE

BATCH No and production date:
see packaging

® registered trademark of Arysta LifeScience

**PCS No 06285**
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 (facades) when handling the concentrate.

Wear suitable protective gloves when handling contaminated surfaces.

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 of 5m to surface water bodies.

Spray must be aimed away from water.

(c) Storage and Disposal

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

DIRECTIONS FOR USE

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

TONGA is used as a preventative treatment.

WHEAT

• Septoria tritici (Leaf spot) - moderate control only. Application should be made prior to infection, from GS 30 until GS 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.

TONGA may be applied at any stage between GS 30 and before GS 61, with maximum of one application before GS 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 GS 30 until GS 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 TONGA. 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 TONGA 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

TONGA 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 of 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 TONGA, 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.