

tebusha 25 EW



MAPP: 18034

An emulsion (oil in water) formulation containing 250 g/l Tebuconazole. A broad spectrum fungicide with systemic activity against a wide range of diseases on winter and spring sown cereals, oilseed rape, field beans and linseed.

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



DANGER

ACUTE TOXICITY – HAZARD CATEGORY 4

HAZARDOUS TO THE AQUATIC ENVIRONMENT – CHRONIC 1

REPRODUCTIVE TOXICITY – HAZARD CATEGORY 2

SERIOUS EYE DAMAGE – HAZARD CATEGORY 1

HARMFUL IF SWALLOWED

HARMFUL IF INHALED

CAUSES SERIOUS EYE DAMAGE

SUSPECTED OF DAMAGING THE UNBORN CHILD

VERY TOXIC TO AQUATIC LIFE

VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS

Wear protective gloves/protective clothing/eye protection/face protection. WASH HANDS AND EXPOSED SKIN before meals and after work. DO NOT EAT, DRINK, OR SMOKE when using this product.

IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

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.

Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in well-ventilated area.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Obtain special instruction before use. Do not handle until all safety precautions have been read and understood. IF EXPOSED OR CONCERNED: get medical advice/attention.

Store locked up. Avoid release to the environment. Collect spillage.

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.

TO AVOID RISKS TO HUMAN HEALTH AND THE ENVIRONMENT, COMPLY WITH THE INSTRUCTIONS FOR USE.

IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL FUNGICIDE

Crops	Maximum individual dose (litres product/hectare)	Maximum number of treatments: (per crop)	Latest time of application	Aquatic buffer zone (metres)
Barley, oats, rye (winter), wheat	1(See other specific restrictions)	1	End of flowering (BBCH 69)	5
Oilseed rape	1(See other specific restrictions)	1	End of flowering (BBCH 69)	5
Field bean	1(See other specific restrictions)	1	35 days before harvest	5
Linseed	1(See other specific restrictions)	1	35 days before harvest	5

Other specific restrictions:

-This product must not be applied via hand-held equipment. -Applications to wheat, barley, oats and rye (winter) must be made after BBCH 30. -Application on oilseed rape must be made after BBCH 20. -Applications to linseed must be made after BBCH 20. -Applications to field bean must be made after BBCH 40. -Protect from frost-Shake well before use

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.

Contents: 5L

Batch number: XXXX

Approval holder:

Sharda Cropchem Ltd.,

Dominic Holm 29th Road , Bandra (West)

Mumbai - 400050, India

Tel : +91-22-6678 2828

Marketing company:

Sharda Europe b.v.b.a.

Jozef Mertensstraat 142, 1702

Dilbeek, Belgium

Tel: + 32 - 2-4664444



Sharda Cropchem

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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 (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.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY with plenty of water and seek medical advice.

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

Environmental Protection

Since there is a risk to aquatic life from use, users not applying the statutory buffer zone must either themselves carry out or ensure that someone else has carried out a Local Environment Risk Assessment for Pesticides (LERAP) on their behalf before each spraying operation from a horizontal boom sprayer. Users must not allow direct spray from horizontal boom sprayers to fall within 5m of the top of the bank of any static or flowing waterbody or within 1m of a ditch which is dry at the time of application (these distances to be measured as set out in the guidance documents available from HSE Chemical Regulation Division's website and any amendments that are made to it) unless:

- The LERAP indicates that a narrower buffer zone will be sufficient; and
- Any measures indicated by the LERAP as justifying the narrower buffer zone are complied with in full and in accordance with any conditions applicable to them.

Spray must be aimed away from water.

The results of the LERAP must be recorded in written form and must be available for a period of three years for inspection to any person entitled to exercise enforcement powers under or in connection with the Plant Protection Products Regulations 2011 or the Plant Protection Products (Sustainable Use) Regulations 2012 (an electronic record will satisfy the requirement for a written record, providing it is similarly available for inspection and can be copied).

Detailed guidance on LERAPs and how to conduct a LERAP are contained in the guidance documents available from HSE Chemicals Regulation Division's website. All LERAPs must be carried out in accordance with this Guidance and any amendments that are made to it.

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.

Storage and Disposal

DO NOT RE-USE CONTAINER for any purpose.

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

WASH OUT CONTAINER THOROUGHLY empty washings into the spray tank and dispose of container safely.

Protect from frost.

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.

TEBUSA 25 EW is a fungicide recommended against a wide range of diseases on winter and spring sown cereals, oilseed rape, field beans and linseed.

For best disease control and yield benefit TEBUSA 25 EW should be applied at an early stage of disease development, before infection spreads to new crop growth.

1. Restrictions

Some speckling on wheat leaf, or reddening and scorch on oat leaves may appear following treatment. These symptoms are generally transient and have not been shown to affect the yield benefit seen from the control of the diseases.

CONSULT PROCESSORS BEFORE USING ON CROPS FOR PROCESSING.

2. Diseases Controlled

2.1 Wheat

Glume blotch (*Septoriana odorum*) (moderate control), powdery mildew (moderate control), yellow rust, brown rust, ear disease complex (including *Fusarium*, *Alternaria* and *Cladosporium*).

2.2 Barley

Powdery mildew (moderate control), yellow rust, brown rust, leaf blotch (*Rhynchosporium*) (moderate control) and net blotch (useful reduction).

2.3 Rye

Powdery mildew, yellow rust, brown rust and leaf blotch (*Rhynchosporium*).

2.4 Oats

Crown rust and powdery mildew.

2.5 Oilseed rape

Light leaf spot, *Phoma* leaf spot, stem canker, stem rot (*Sclerotinia*), dark leaf spot/pod spot (*Alternaria*), ringspot (*Mycosphaerella brassicicola*).

2.6 Field Beans

Chocolate spot, bean rust.

2.7 Linseed

Powdery mildew, *Botrytis*.

3. Resistance management

TEBUSHA 25 EW contains tebuconazole a DMI fungicide. Resistance has been identified in *Septoria* leaf blotch (*Mycosphaerellagraminicola*) which may seriously affect the performance of some products. TEBUSHA 25 EW is not recommended for the control of this disease. For further advice on resistance management in DMI's contact your agronomist or specialist advisor, and visit the FRAG-UK website.

Tank mixtures or alternation with fungicides having a different mode of action have been shown to protect against the development of resistant forms of disease.

The possible development of diseases resistant to TEBUSHA 25 EW cannot be excluded or predicted. Where such resistant strains occur, TEBUSHA 25 EW is unlikely to give satisfactory control.

Strains of light leaf spot resistant to azole fungicides are known to exist. To avoid development of resistance apply product protectively in response to disease forecasts. Where possible, when light leaf spot is present use a fungicide with an alternative mode of action or mixes containing an alternative mode of action when targeting other diseases such as *Sclerotinia* at mid flowering.

4. Crop Specific Information

4.1 Cereals

TEBUSHA 25 EW may be used on all varieties of winter and spring wheat (excluding durum), barley, rye (winter), and winter and spring oats.

Maximum individual dose: 1.0 L/ha

Maximum number of application: 1 per crop

Earliest time of application: After stem elongation (BBCH 30). Latest time of application: End of flowering (BBCH 69).

Water Volume

Most crops 100-200 L/ha.

The higher spray volumes are recommended where the crop is dense or disease pressure / risk is high to ensure good penetration to the lower leaves and stem bases. Disease control may be compromised by reducing water volumes, where good spray coverage is difficult to achieve. Do not apply before BBCH 31 or after BBCH 69.

Diseases Controlled - Application Timing

Where disease pressure remains high, application with an alternative effective product may be required to maintain control, but only one application of TEBUSHA 25 EW may be applied per crop.

Disease	Crop	Timing of application
Glume Blotch (<i>Septorianodorum</i>)	Wheat	To protect the flag leaf and ear apply TEBUSHA 25 EW from flag leaf emergence (BBCH 37) until ear fully emerged (BBCH 59) prior to development of visible disease
Moderate control in:		
Yellow Rust and Brown Rust	Wheat, barley, rye	Apply TEBUSHA 25 EW at the first signs of disease. Applications made to established infections are likely to be less effective.
Control in:		
Ear Disease Complex	Wheat	TEBUSHA 25 EW applied preventatively before an infection event. Applications soon after ear emergence can give a good reduction of ear blight (<i>Fusarium</i>) and a reduction of sooty moulds (<i>Alternaria</i> and <i>Cladosporium</i>) and can result in cleaner, brighter ears.
Reduction in:		
Powdery Mildew	Wheat, barley	TEBUSHA 25 EW should be applied at first signs of disease. When disease pressure remains high, a further application with an alternative effective product may be made if required – see "Resistance Management".
Moderate control in		
Control in:	Oats, rye	
Leaf Blotch (<i>Rhynchosporium</i>)	Barley and rye	Apply TEBUSHA 25 EW at the onset of disease. For moderate to severe infections a second application with an alternative effective product may be necessary 2-3 weeks later. On disease susceptible varieties in high risk situations tank mixing TEBUSHA 25 EW with other products may improve control.
Moderate control in:		
Net Blotch	Barley	Apply TEBUSHA 25 EW at the very first signs of disease in spring/early summer. A second application with an alternative effective product 2-3 weeks later will give most effective control when conditions remain favourable for disease development. When disease develops after flag leaf emergence only one application of TEBUSHA 25 EW may be required.
Useful reduction in:		
Crown Rust	Oats	TEBUSHA 25 EW applied to control mildew on oats will also reduce crown rust infections if present at the same time. Alternatively, apply TEBUSHA 25 EW on first appearance of crown rust.
Reduction in:		

4.2 Oilseed rape

TEBUSHA 25 EW may be used on all varieties of winter or spring sown oilseed rape.

Maximum individual dose: 1.0 L product per hectare.

Maximum number of application: 1 per crop.

Earliest time of application: Beginning of side shoot development (BBCH 21).

Latest time of application: End of flowering (BBCH 69).

Water Volume

TEBUSHA 25 EW should be applied in 100-400 L/ha of water, using the higher volume in dense crops.

Diseases Controlled – Application timing

Disease	Timing of application
Light Leaf Spot Control:	Autumn/Winter: Light leaf spot should be prevented from developing early in the life of the crop and good protection from subsequent disease development will be provided by an application of TEBUSHA 25 EW in autumn/winter after BBCH 20 (usually late October to early December). Depending on disease pressure, an additional spray(s) with an alternative effective product may be required in the spring/summer. Spring/Summer: If an autumn treatment of TEBUSHA 25 EW has not been made and disease develops in the crop over winter, a nearly spring (late February/March) application of 1.0 L/ha may be made from the onset of stem extension.
Phoma Leaf Spot, Stem Canker Control:	Best control can be expected from an autumn/early winter application (after BBCH 20) of TEBUSHA 25 EW applied at first signs of disease, followed by an alternative effective product in late winter/early spring.
Dark Leaf, Pod Spot (<i>Alternaria spp</i>) Reduction:	Treatment with 1.0 L/ha TEBUSHA 25 EW should begin at the onset of disease i.e. when black pin-head spots first appear on the pods.
Stem Rot (<i>Sclerotinia</i>) Reduction:	1.0 L/ha of TEBUSHA 25 EW applied at early to full flower will give some reduction of <i>Sclerotinia</i> stem rot.
Ringspot (<i>Mycosphaerella brassicicola</i>) Reduction:	Spring/summer applications of TEBUSHA 25 EW made for the control of light leaf spot may also give some reduction of this disease.

4.3 Field Beans

Maximum individual dose: 1.0 L per hectare

Maximum number of applications: 1 per crop

Earliest time of application: Do not apply before BBCH 41

Latest time of application: Not less than 35 days before harvest.

Water Volume

TEBUSHA 25 EW should be applied in 200-600 L/ha of water, using the higher volume in dense crops.

Diseases Controlled - Application Timing

Chocolate Spot and Bean Rust control:

Apply TEBUSHA 25 EW at first signs of disease from the early flower stage.

4.4 Linseed

Maximum individual dose: 1.0 L per hectare.

Maximum number of applications: 1 per crop.

Earliest time of application: Beginning of side shoot development (BBCH 21).

Latest time of application: Not less than 35 days before harvest.

Water Volume

TEBUSHA 25 EW should be applied in 100-400 L/ha of water, using the higher volume in dense crops.

Diseases Controlled - Application Timing

Disease	Timing of application
Powdery Mildew Control:	Apply TEBUSHA 25 EW at first signs of disease.
<i>Botrytis</i> Reduction :	Apply TEBUSHA 25 EW at first signs of disease.

5. Mixing and Spraying

Ensure sprayers are clean and in good working order. Thoroughly shake the pack before use.

Half fill the spray tank with clean water and begin agitation. Add the required quantity of TEBUSHA 25 EW. Add the remainder of the water. Continue agitation during mixing and spraying. Apply as a MEDIUM quality spray (BCPC definition) at a pressure of 2-3 bars.

Spray immediately after mixing. Where tank mixtures are used TEBUSHA 25 EW should be added to the spray tank last, after first dispersing the other product(s).

For best results ensure good coverage of the crop. Use the recommended higher water volumes where crops are dense. See "Crop Specific Information" for more information.

Empty the spraying equipment completely on the field just sprayed. Remove all filters and nozzles, scrub clean and rinse them with clean water. Put 10% clean water into the tank to cover the agitator. Operate a tank flushing system if fitted. Circulate water through the pump and controls for at least one minute. Drain sprayer, collect washings. Repeat procedure once more. Pump last washing water out through boom feed, hoses and pipes. Collect washings. Clean off the outside of the sprayer using minimum water volumes. Collect washings. Replace cleaned nozzles and filters. Collect and put all washings back into the tank and spray out on the field headland, or otherwise safely dispose of them. Ensure the sprayer systems are completely drained before storage. Store Plant Protection Equipment in a properly designated store.

The following does not form part of the product label under the UK Plant Protection Products Regulations.

CONDITIONS OF SUPPLY

All goods supplied by us are of high grade and we believe them to be suitable but, as we cannot exercise control over their storage, handling, mixing or use or the weather conditions before, during and after application which may affect the performance of the goods, 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 or re-sellers for any failure in performance, damage or injury whatsoever arising from their storage, handling, application or use. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in the use of such goods.

Sharda Europe b.v.b.a.

Jozef Mertensstraat 142,

1702 Dilbeek

Belgium

Tel: + 32 – 2-4664444