

# LEGEND™



An emulsion (oil in water) formulation containing 250 g/litre tebuconazole.

**FOR PROFESSIONAL USE ONLY.**

**LEGEND is a broad spectrum systemic fungicide for winter and spring crops of wheat (excluding durum), barley, oats, winter rye, oilseed rape, field beans, cabbages, carrots, leeks, parsnips, swedes, turnips and horseradish.**

## SAFETY INFORMATION

Contains 250 g/L (25.9%) tebuconazole.

### Danger

**Harmful if swallowed.**

**Causes serious eye damage.**

**Harmful if inhaled.**

**Suspected of damaging the unborn child.**

**Very toxic to aquatic life with long lasting effects.**

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.

Immediately call a poison centre or doctor/physician.

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 instructions for use.**

**PCS 06472**

**PROTECT FROM FROST  
SHAKE WELL BEFORE USE**

### Transport Information

**UN 3082 ADR/RID Class: 9 Packaging Group: III**

10/20

Marketing Company Authorisation Holder  
Crothetics Ltd JT Agro Ltd  
126-134, Baker Street, London W1U 6UE  
Telephone: 01628 421890  
www.jtagro-crothetics.com  
Email: info@jtagro-crothetics.com

  
**crothetics**

net contents  
**5 litres e**

Deal here

## IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL/HORTICULTURAL FUNGICIDE

| Crop   | Maximum single dose | Maximum number of applications | Maximum total dose | Latest time of application             |
|--|---------------------|--------------------------------|--------------------|--|
| Winter wheat, spring wheat, winter barley, spring barley, oats, winter rye | 1 L/ha              | -                              | 1 L/ha             | Before grain watery ripe stage (GS 71) |
| Oilseed rape (winter & spring)   | 1 L/ha              | -                              | 2 L/ha             | End of flowering (BBBH 69)             |
| Cabbage, field bean, linseed, swede, turnip                                | 1 L/ha              | -                              | 1 L/ha             | 35 days before harvest                 |
| Carrot, horseradish, parsnip   | 1 L/ha              | -                              | 1 L/ha             | 21 days before harvest                 |
| Leek   | 1 L/ha              | -                              | 1 L/ha             | 14 days before harvest                 |

### Other specific restrictions:

To protect aquatic organisms respect an unsprayed buffer zone of 5 m to surface water bodies.

**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

WEAR SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

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

WASH HANDS AND EXPOSED SKIN before meals and after work.

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

### Environmental Protection

Do not contaminate ponds, waterways or ditches with the product or its container. (Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads).  
Aim spray away from water.

### 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 FEEDINGSTUFFS.

WASH OUT 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.

PROTECT FROM FROST

SHAKE WELL BEFORE USE

## 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.

LEGEND is recommended for control of a wide range of diseases on winter and spring sown cereals, oilseed rape, field beans, cabbages, carrots, parsnips, swedes and turnips.

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

### DISEASES CONTROLLED

Repeated application of LEGEND alone should not be used on the same crop against a high-risk pathogen such as cereal powdery mildew. Tank-mixtures or alternation with fungicides having a different mode of action (eg morpholines) have been shown to protect against the development of resistant forms of disease.

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

#### Cereals

|  |  |
|--|--|
| Septoria leaf spot ( <i>Septoria tritici</i> )   | Wheat  |
| Glume blotch ( <i>S. nodorum</i> )   | Wheat  |
| Ear disease complex (incl. <i>Fusarium</i> , <i>Alternaria</i> and <i>Cladosporium</i> ) | Wheat  |
| Yellow rust  | Wheat, barley, rye   |
| Brown rust   | Wheat, barley, rye   |
| Powdery mildew   | Wheat, barley, rye   |
| Leaf blotch ( <i>Rhynchosporium</i> )  | Barley, rye  |
| Net blotch   | Barley   |
| Crown rust   | Oats   |
| Oilseed Rape   | Light leaf spot<br><i>Phoma</i> leaf spot<br>Stem canker<br>Dark leaf spot/<br>pod spot ( <i>Alternaria</i> )<br><i>Sclerotinia</i> stem rot<br>Ringspot<br>( <i>Mycosphaerella brassicicola</i> ) |

#### Field Beans

Chocolate spot  
Bean rust

#### Cabbages

*Alternaria* spp.  
Light leaf spot  
Powdery mildew  
Ringspot

#### Carrots and parsnips

*Alternaria* spp. Carrots  
Powdery mildew Carrots and parsnips  
*Sclerotinia* Carrots

#### Swedes and turnips

Powdery mildew

#### Leeks

Rust

### CROP SPECIFIC INFORMATION

#### CEREALS

LEGEND may be used on all varieties of winter and spring sown wheat (excluding durum), barley, rye and oats

#### Water Volume

|  |                        |
|--|------------------------|
| Most crops   | 100-200 litres/hectare |
| Dense crops after the first node is detectable       | 250 litres/hectare     |
| Large crops, varieties highly susceptible to disease | 300 litres/hectare     |

LEGEND may be applied at any stage before the grain milky ripe stage.

#### Diseases Controlled - Application Timing

##### ***Septoria* Leaf Spot and Glume Blotch (*Septoria tritici* and *S. nodorum*)** (Wheat)

To protect the flag leaf and ear from *Septoria tritici* and *S. nodorum* apply LEGEND from flag leaf emergence (GS 37) until ear fully emerged (GS 59).

Earlier application may be necessary where there is a high risk of *S. tritici* and LEGEND should be applied when the disease is active, but before it is visible on the upper leaves.

Applications made once foliar symptoms of *S. tritici* are already present on the upper leaves will be less effective since these symptoms only develop several weeks after initial crop infection has taken place.

#### **Yellow Rust and Brown Rust** (Wheat, barley and rye)

Apply LEGEND at the first signs of disease. Applications made to established infections are likely to be less effective. A second application may be made 2-3 weeks later if reinfection occurs.

#### **Ear Disease Complex** (Wheat)

LEGEND applied soon after ear emergence can give a good reduction of Fusarium ear blight and a reduction of sooty moulds (*Alternaria* and *Cladosporium*) and can result in cleaner, brighter ears.

#### **Powdery Mildew** (Wheat, barley and rye)

LEGEND should be applied at first signs of disease. When treating established mildew or particularly disease susceptible varieties, improved control can be achieved by adding 0.5 L/ha Corbel in tank- mixture. When disease pressure remains high application may be repeated if necessary - see 'Diseases controlled'. (Oats)

LEGEND should be applied at first signs of disease. When disease pressure remains high application may be repeated if necessary - but see 'Diseases controlled'.

#### **Rhynchosporium** (leaf blotch) (Barley and rye)

Apply LEGEND at the onset of disease. For effective control of moderate to severe infections a second application may be necessary 2-3 weeks later. On disease susceptible varieties in high risk situations tank mixing LEGEND with other products may improve control (contact JT AGRO Ltd for details).

#### **Net Blotch** (Barley)

Apply LEGEND at the very first signs of disease in spring/early summer. A second application 2-3 weeks later will give most effective control when conditions remain favourable for disease development. When disease develops after flag leaf emergence a single application of LEGEND will generally provide good protection.

#### **Crown Rust** (Oats)

LEGEND applied to control mildew on oats will also reduce crown rust infections occurring around this time. Alternatively, apply LEGEND on first appearance of crown rust.

Occasionally, after the application of LEGEND, some transient leaf speckling on wheat or leaf reddening/scorch on oats may occur, but these symptoms have not been shown to adversely affect yield responses accruing from the benefits of disease control.

#### **OILSEED RAPE**

LEGEND may be used on all varieties of winter or spring sown oilseed rape. LEGEND should be applied in 100-400 L/ha of water, using the higher volume in dense crops. LEGEND may be applied at any time up to and including most seeds are green stage.

#### **Diseases Controlled - Application Timing**

##### **Light Leaf Spot**

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 500 ml/ha LEGEND in autumn/winter (usually late October to early December). Follow up spray(s) of 1.0 L/ha may be required in the spring/summer depending on disease development.

Spring/Summer: If an autumn treatment of LEGEND has not been made and disease develops in the crop over winter, an early spring (March) application of 1.0 L/ha may be made from the onset of stem extension.

The application of 1.0 L/ha of LEGEND either pre- or post-flowering will generally control late development of light leaf spot on pods and leaves.

##### **Phoma Leaf Spot/Stem Canker**

Leaf spot can be found from October onwards and best control of stem canker may be expected from an autumn/early winter application of 500 ml/ha LEGEND applied at first signs of disease, followed by 500 ml - 1.0 litre LEGEND in late winter/early spring.

LEGEND programmes applied against light leaf spot will also give a good reduction of leaf spot/stem canker.

### **Dark Leaf/Pod Spot (*Alternaria* spp)**

Treatment with 1.0 L/ha LEGEND should begin at the onset of disease i.e. when black pin-head spots first appear on the pods. Post-flowering sprays of LEGEND made for light leaf spot control may also control *Alternaria* dark leaf/pod spot.

### ***Sclerotinia* Stem Rot**

1.0 L/ha of LEGEND applied at early to full flower will give some reduction of *Sclerotinia* stem rot.

### **Ringspot (*Mycosphaerella brassicicola*)**

Spring/summer applications of LEGEND made for the control of light leaf spot may also give some reduction of this disease.

## **FIELD BEANS**

LEGEND should be applied in 200-600 L/ha of water, using the higher volume in dense crops.  
LEGEND must not be applied less than 35 days before harvest.

### **Diseases Controlled - Application Timing**

#### **Chocolate Spot and Bean Rust**

LEGEND applied at first signs of disease from the early flower stage, and repeated 3-4 weeks later, will give good control of both diseases.

## **CABBAGES**

LEGEND should be applied in 200-600 L/ha of water, using the higher volume in dense crops.  
LEGEND must not be applied less than 21 days before harvest.  
Consult processor before using LEGEND .

### **Diseases Controlled - Application Timing**

#### ***Alternaria* spp, Light Leaf Spot, Powdery Mildew & Ringspot**

A programme of 2 sprays of LEGEND at 0.5 L/ha at 21-28 day intervals will give good control of all four diseases.  
Best results will be obtained when spraying begins at first signs of disease, but LEGEND should not be applied before the beginning of cabbage heart formation.

Where ringspot has become established the first spray may be applied at up to 1.0 litre/ha and can improve activity; subsequent applications may be required to maintain control but the maximum total dose of 1 L/ha per crop must not be exceeded.

## **CARROTS and PARSNIPS**

Apply in 400-600 litres of water/ha.  
Good cover of the foliage is vital; use the higher volume in dense or well grown crops.  
LEGEND must not be applied less than 21 days before harvest.

### **Diseases Controlled - Application Timing**

#### ***Alternaria* spp (carrots)**

To reduce *Alternaria* infection on the leaves begin a programme of LEGEND sprays with an application in early/mid August, or when first signs of disease appear on the foliage after crop GS 15 if earlier. Up to 2 further applications may be made at 3-week intervals.

#### **Powdery Mildew (carrots, parsnips)**

LEGEND gives a useful reduction of powdery mildew if applied when the disease is first seen in the crop. Up to two follow-up applications may be made if necessary, at 14-21 day intervals.

#### ***Sclerotinia* (carrots)**

A programme of LEGEND sprays applied against *Alternaria* spp can also provide a useful reduction in *Sclerotinia* infection.

## **SWEDES AND TURNIPS**

LEGEND should be applied in 200-600 L/ha of water, using the higher volume in dense crops.  
LEGEND must not be applied less than 35 days before harvest.  
Consult processor before using LEGEND.

### **Diseases Controlled - Application Timing**

#### **Powdery Mildew**

Application of LEGEND at first signs of disease will give good control. However, do not apply LEGEND before a root diameter of 2.5 cm has been reached. In situations of very early disease development and extended infection pressure, a second application may be necessary.

## LEEKS

LEGEND should be applied in 400-600 L/ha of water, using the higher volume in dense crops.

LEGEND must not be applied less than 14 days before harvest.

### Diseases Controlled - Application Timing

#### **Rust**

Apply LEGEND at 1.0 L/ha at first signs of disease; this usually occurs during warm, humid weather from August onwards.

#### **MIXING**

Thoroughly shake the pack before use.

Add the required quantity of LEGEND 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.

Where tank mixes are used LEGEND should be added to the spray tank last, after first dispersing the other product(s), unless otherwise specified - see 'Compatibility' sections under individual crops.

#### **COMPATIBILITY**

LEGEND may be applied as a tank-mix with a range of products. Contact JT AGRO Ltd for compatibility information on specific tank-mixes. Full manufacturer's instructions must be followed for each tank-mix component.

## 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 or 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.

#### **Marketing Company**

Cropthetics Ltd

#### **Authorisation Holder**

JT Agro Ltd

126-134, Baker Street, London W1U 6UE

Telephone: 01628 421890

[www.jtagro-cropthetics.com](http://www.jtagro-cropthetics.com)

Email: [info@jtagro-cropthetics.com](mailto:info@jtagro-cropthetics.com)

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