



# Padelli®

*A fungicide for the control of stem-base, foliar and ear diseases in winter and spring wheat, durum wheat, winter rye, triticale, and winter and spring barley and oats.*

*An emulsifiable concentrate formulation containing 160 g/L prothioconazole and 300 g/L spiroxamine.*



**FUNGICIDE**

CONTENT: **10 lit.e**



**WARNING**

**RISK AND SAFETY INFORMATION**

**Harmful if swallowed or inhaled.**

**Causes skin irritation.**

**Causes serious eye irritation.**

**May cause respiratory irritation.**

**Suspected of damaging the unborn child.**

**May cause damage to organs (eyes) through prolonged or repeated exposure.**

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

**Do not breathe spray.**

**Wear protective gloves/protective clothing/eye protection/face protection.**

**IF INHALED:** Remove victim to fresh air and keep at rest in a comfortable position for breathing.

**If exposed or concerned, please call POISON CENTRE or doctor / physician.**

**IF IN EYES:** Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

**Collect spillage.**

**Protect from sunlight.**

**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.**

**Contains Spiroxamine and Prothioconazole. May produce an allergic reaction.**

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

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REGISTRATION HOLDER:

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UFI: 1VC0-Y0SW-500Y-3P7Y

PCS no. 07041

Padelli® is a registered trademark for Globachem N.V.

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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 when handling the concentrate.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) and SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces. WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) during application.

WHEN USING DO NOT EAT DRINK OR SMOKE.

WASH ANY CONTAMINATION from eyes immediately.

WASH HANDS AND EXPOSED SKIN before eating and drinking and after work.

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

### 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 5 m to surface water bodies. Spray must be aimed away from water.

### STORAGE AND DISPOSAL

Do not re-use container for any other purpose.

Keep out of reach of children.

Keep away from food, drink and animal feeding stuffs.

RINSE 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.

STORE IN A COOL DRY PLACE.

READ ALL INSTRUCTIONS CAREFULLY 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.

## GENERAL INFORMATION

Padelli® is a mixture of a triazolinthione and spiroketoalamine fungicide recommended for control of a wide range of diseases on winter and spring barley, winter and spring oats, winter and spring wheat, durum wheat, triticale and winter rye.

## DISEASES CONTROLLED

| Disease   | Wheat                 | Barley | Oats | Triticale     | Rye |
|---|-----------------------|--------|------|---------------|-----|
| Eyespot<br>( <i>Oculimacula spp.</i> )                        | R                     | R      | R    | R             | R   |
| Septoria Leaf Blotch<br>( <i>Mycosphaerella graminicola</i> ) | MC                    | -      | -    | MC            | MC  |
| Glume Blotch<br>( <i>Stagonospora nodorum</i> )               | MC                    | -      | -    | -             | MC  |
| Powdery Mildew<br>( <i>Blumeria graminis</i> )                | C                     | C      | C    | C             | C   |
| Yellow Rust   | C                     | C      | -    | C             | -   |
| Brown Rust  | MC                    | C      | -    | C             | C   |
| Crown Rust  | -                     | -      | C    | -             | -   |
| Tan Spot  | MC                    | -      | -    | -             | -   |
| Fusarium Ear blight   | MC                    | MC     | -    | MC            | MC  |
| Sooty Moulds  | R                     | R      | -    | R             | R   |
| Rhynchosporium Leaf Blotch                                    | -                     | C      | -    | C             | C   |
| Net Blotch  | -                     | C      | -    | -             | -   |
| C = Control   | MC = Moderate Control |        |      | R = Resistant |     |

### Eyespot (*Oculimacula spp.*)

Spray in the spring at the first sign of disease, from when the leaf sheaths begin to become erect until the 2nd node is detectable (GS 30-32).

### Septoria Leaf Spot and Glume Blotch (*Mycosphaerella graminicola* and *Stagonospora nodorum*)

Apply before disease is established in the crop. To protect the upper leaves and ear apply Padelli® at full flag leaf emergence (GS 37) up to mid-flowering (GS 65). Where disease pressure remains high application may be repeated.

Applications to upper leaves where *S. tritici* symptoms are present are likely to be less effective.

Take all precautionary measures to reduce the selection pressure for insensitive *Septoria tritici* strains (e.g. tankmix with product having a different mode of action which is active against *Septoria*.)

Consult your adviser for up to date guidance regarding current resistance status and a strategy for preventing and managing resistance in the cereal pathogens listed on the label. The Fungicide Resistance Action Committee (FRAC) produces recommendations that may be consulted for additional information.

#### **Powdery Mildew (*Blumeria graminis*)**

Apply Padelli® at the first signs of disease. Where disease pressure remains high application may be repeated.

#### **Yellow Rust (*Puccinia striiformis*), Brown Rust (*Puccinia hordei* and *P. recondita*), Crown Rust (*Puccinia coronata*)**

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

#### **Tan Spot (*Pyrenophora tritici-repensis*)**

Apply Padelli® at the first signs of disease in spring or early summer. Where disease pressure remains high application may be repeated.

#### **Ear Disease Complex**

Apply Padelli® soon after ear emergence until the end of flowering (GS 59-69). Control of ear diseases can result in cleaner, brighter ears.

#### **Leaf Blotch (*Rhynchosporium secalis*)**

Apply Padelli® in spring at the first signs of disease. For severe infections a second application may be necessary 2-3 weeks later.

#### **Net Blotch (*Pyrenophora teres*)**

Apply Padelli® at the first signs of disease in spring/early summer. For severe infections, a second application 2-3 weeks later will give most effective control when conditions remain favourable for disease development.

#### **RESISTANCE STRATEGY**

Repeated application of Padelli® 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 have been shown to protect against the development of resistant forms of disease.

Take all precautionary measures to reduce the selection pressure for insensitive *Septoria tritici* strains (e.g. tankmix with product having a different mode of action which is active against *Septoria*). Consult your adviser for up to date guidance regarding current resistance status and a strategy for preventing and managing resistance in the cereal pathogens listed on the label. The Fungicide Resistance Action Committee (FRAC) produces recommendations that may be consulted for additional information.

**CAUTION:** The possible development of disease strains resistant to Padelli® cannot be excluded or predicted. Where such resistant strains occur, Padelli® is unlikely to give satisfactory control.

#### **CROP SPECIFIC INFORMATION**

Padelli® may be used on all commercial varieties of winter and spring barley, winter and spring oats, winter and spring wheat, durum wheat, triticale and winter rye.

Method of application: Tractor mounted/trailed horizontal boom sprayer.

Apply Padelli® at 1.25 L product/ha in 100 to 300 L water/ha. Apply as a MEDIUM spray quality. A spray pressure of 2-3 bar is recommended. The maximum number of applications per crop is 2. There must be a 14 day interval between treatments.

Padelli® may be applied at any stage before caryopsis watery ripe stage (GS 71) in wheat, durum wheat, rye and triticale and up to beginning of flowering (GS 61) in barley and oats.

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.

#### **MIXING AND SPRAYING**

Thoroughly shake the pack before use.

Add the required quantity of Padelli® 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.

Sprayers should be thoroughly cleaned before use, and filters and jets checked for damage and blockages. Boom height should be adjusted to ensure even coverage of the crop, particularly at later growth stages. The correct height is one at which the spray from alternate nozzles meets just above the crop.

In dense crops, at later growth stages, higher water volumes should be used.

Spray equipment should be thoroughly cleaned with detergent after use.

#### **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. 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.



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- ▶ An emulsifiable concentrate formulation containing 160 g/L prothioconazole and 300 g/L spiroxamine.
- ▶ PCS no. 07041



FUNGICIDE

GROUP 3 5 FUNGICIDES

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

| CROPS  | MAXIMUM INDIVIDUAL DOSE (L PRODUCT/HA) | MAXIMUM NUMBER OF APPLICATIONS | LATEST TIME OF APPLICATION                 |
|--|--|--------------------------------|--|
| Winter and spring wheat, durum wheat, triticale and winter rye | 1.25                                   | 2 per season*                  | Before caryopsis watery ripe stage (GS 71) |
| Winter and spring barley and oats                              | 1.25                                   | 2 per season*                  | Before beginning of flowering (GS 61)      |

**Other specific restriction:**

There must be a 14 day interval between treatments.

**READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE.**

PROTECT FROM FROST | STORE IN A COOL, DRY PLACE | SHAKE WELL BEFORE USE  
BATCH NUMBER: SEE BOTTLE

For 24 hour emergency information  
contact Globachem n.v.  
Telephone: +32 11 78 57 17

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