

## WARNING

KEEP OUT OF REACH OF CHILDREN  
READ THE LABEL COMPLETELY BEFORE OPENING OR USING

# Opus<sup>®</sup>

**Systemic cereal fungicide for the control of diseases in barley, maize, wheat and ryegrass seed crops.**

Contains 125 g/litre epoxiconazole in the form of a suspension concentrate.

# 10<sub>L</sub>

Registered to and distributed by:  
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 **BASF**  
We create chemistry

## Hazard Classification

6.8B, 6.9B, 9.1B



### WARNING

**HARMFUL.** May cause reproductive/development damage from repeated oral exposure at high doses. May cause damage to organs from repeated oral exposure at high doses.

**TOXIC TO AQUATIC LIFE.** May cause long-term adverse effects in the aquatic environment. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites.

### PRECAUTIONS

**STORAGE:** Store in original container, tightly closed, in a locked, dry, cool, well-ventilated place away from food and animal feeds. When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this. Stores containing 1000 litres or more of this product require emergency response plans and secondary containment systems, and are subject to signage.

**TRANSPORT:** Do NOT carry this product on a passenger service vehicle.

**SPILLAGE:** Prevent further spillage and product from entering waterways. Wear overalls, gloves, footwear and goggles. Absorb spill with an inert material (e.g. vermiculite) and place in a labeled, sealable container for disposal. Wash affected area with water and detergent. Absorb and collect washings and place in the same sealable container as the spilled material. Dispose of the waste safely in a suitable landfill.

**PERSONAL PROTECTION:** When preparing or applying spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, impermeable gloves, and goggles or a face shield.

**GENERAL SAFETY AND HYGIENE MEASURES:** Avoid contact with skin, eyes and clothing. Avoid breathing vapour or spray mist. Do NOT eat, drink or smoke when using this product. Remove protective clothing and wash hands and exposed skin thoroughly with soap and water before meals and after work. Wash protective clothing immediately after use. Store work clothing separately.

**USE:** Apply with well-maintained and accurately calibrated equipment. Do NOT spray over, or allow drift over, surface water such as ponds, waterways or drains. Clean out application equipment thoroughly after use. Do NOT contaminate surface or ground water when disposing of equipment wash waters.

**NOTE:** Storage and application must be as described in the current version of the New Zealand Standard for the Management of Agrichemicals NZS8409.

**DISPOSAL:** Container: Triple rinse empty container and add rinsate to the spray tank. Recycle through Agrecovery (0800 247 326, [www.agrecovery.co.nz](http://www.agrecovery.co.nz)). Product: Dispose of this product only by using according to the label or at an approved landfill. Do NOT burn product. Do NOT contaminate any water supply with product or used container.

### FIRST AID

If exposed or concerned get medical advice/attention. **IF SWALLOWED:** Do NOT induce vomiting. Rinse mouth. For advice contact the National Poisons Centre 0800 POISONS (0800 764 766) or a doctor if you feel unwell. **IF ON SKIN:** Remove contaminated clothing and wash skin with plenty of soap and water. Do NOT scrub the skin. If skin irritation or rash occurs, get medical advice/attention. Wash contaminated clothing before reuse. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **IF INHALED:** Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

### GENERAL INFORMATION

OPUS is a broad spectrum contact and fungicide with protectant and eradicant activity. OPUS is taken up via the stem and foliage and is translocated upwards and outwards to provide some protection to new growth. Thorough coverage of the crop is necessary for best results. OPUS has curative activity against early stages of infection but optimum results are obtained from application prior to the onset of infection.

### RESISTANCE MANAGEMENT

OPUS contains epoxiconazole a triazole fungicide in the DMI mode of action group

**GROUP 3 FUNGICIDE**. Resistance to this fungicide, and related GROUP 3 fungicides could develop from excessive use. To minimize this risk use strictly in accordance with label instructions and resistance management strategies that exist for any fungus listed on the label. Frequency of application must be strictly adhered to in accordance with the Directions for Use. OPUS should be used in a programme that incorporates fungicidal products from alternate action groups to that of triazoles. Apply no more than three GROUP 3 fungicide sprays per season, and only two if a GROUP 3 fungicide seed treatment was used.

## DIRECTIONS for USE

It is an offence to use this product on animals.

CROP	DISEASE	REMARKS
Rate of Use: 1.0 litres/ha in a minimum of 150 litres of water/ha by ground or 60 litres/ha by air.		
Barley & Wheat	Eyespot	Apply to at risk crops from mid-tillering through to flag leaf visible.
Barley	Leaf rust Net blotch (spot & net forms) Scald Powdery mildew	Apply as a preventative spray on susceptible cultivars and when conditions favour disease. Otherwise apply at the first appearance of disease. Continued disease pressure or reinfection may require a further treatment 3-5 weeks later. Apply up to the end of flowering (Zadok GS 69).
Wheat	Leaf rust Powdery mildew Speckled leaf blotch Stripe rust	Apply as a preventative spray on susceptible cultivars and where conditions favour disease. Otherwise apply at the first appearance of disease. Continued disease pressure or reinfection may require a further treatment 3-5 weeks later. Apply up to the end of flowering (Zadok GS 69). <b>Note:</b> Application may be required early in the season at mid-tillering to control Speckled leaf blotch.
	Glume blotch	Apply as a preventative spray around flag leaf emergence. For continued protection of the ear a further treatment may be applied up to the end of flowering (Zadok GS 69).
	Ear disease complex	For protection of the ear application should be made to fully emerged ears up to the end of flowering (Zadok GS 69).
Ryegrass seed crops including turf species	Crown rust Stem rust	Apply as a preventative spray on susceptible cultivars and where conditions favour disease. Continued disease pressure or reinfection may require a further treatment 2-4 weeks later.
Maize	Common Rust	Apply as a preventative spray on susceptible cultivars when conditions favour disease, otherwise, and on more tolerant cultivars, apply at the first appearance of disease. Continued disease pressure or re-infection may require a further treatment 14 to 21 days later. Do NOT apply later than the tasselling stage. Do NOT apply more than 2 applications per season.

### Mixing:

Add the required amount directly into partly filled spray tank with agitation operating. Complete filling and maintain agitation until spraying is complete.

### Compatibility:

OPUS is compatible, where appropriate, in two and three-way mixtures with Comet<sup>®</sup>, Terpal<sup>®</sup>, Cycocel<sup>®</sup>, Perfekthion<sup>®</sup> S, Duplosan<sup>®4</sup> KV, Duplosan Super, Glean<sup>®1</sup> and Foliar Nitrophoska<sup>®</sup>. OPUS can also be used in wheat in three and four-way mixes with Cycocel, Puma<sup>®2</sup> S and D-C-Trate<sup>®3</sup>. Care must be taken to ensure recommendations for all products are followed. No phytotoxic effects have been observed on available cultivars of wheat and barley. It is recommended to limit use of mixtures to small experimental areas on new cultivars to test plant compatibility before extensive use. Mixtures should be applied immediately after preparation.

### Rainfall:

Do NOT apply if rainfall is likely within two hours of treatment.

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**Withholding Periods:**

**It is an offence for users of this product to cause residues exceeding the relevant MRL in the New Zealand (Maximum Residue Limits of Agricultural Compounds) Food Standards.**

Wheat and barley grain: Do NOT harvest within 42 days of application.

Cereal silage/green feed: Allow 28 days between last application and cutting or introduction of stock for grazing.

Maize grain: Do NOT harvest within 42 days of application.

Maize silage/green feed: Allow 28 days between last application and cutting.

Ryegrass: Allow 35 days between last application and introduction of stock for grazing.

**CONDITIONS OF SUPPLY**

Read conditions of supply before buying and using. If these conditions are unacceptable, return at once unopened. All goods supplied by the Company are of a high grade and conform to the chemical description of the label. However, to the extent permitted by law, neither the Company nor any of its Distributors accept any liability or responsibility whatsoever for any loss, damage or injury whether direct, indirect or consequential howsoever arising in connection with the supply of those goods including without limitation their storage, application, handling or use. The Company nor any of its Distributors, make no warranties of any kind, express or implied, with respect to fitness for purpose (including crop injury, ineffectiveness or any other unintended consequence), merchantable quality or any other matter with respect to these goods. When you are a consumer as defined in the Consumer Guarantees Act 1993 (the "Act") these conditions will be subject to the provisions of the Act. However the Act will not apply to goods supplied to you for business purposes.

Approved pursuant to the HSNO Act 1996, Code HSR000723.  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval controls.

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**EMERGENCY PHONELINK**

24 Hour Advice in an Emergency Only

**0800 944 955**

Date of Manufacture:

Batch Number:

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