

A suspension concentrate containing 200 g/l of Cymoxanil (16.7% w/v) and 300 g/l of Fluazinam (25% w/v)

A fungicide for the control of *Phytophthora infestans* on Potato

WARNING



- **Harmful if swallowed**
 - **May cause an allergic skin reaction**
 - **May cause damage to organs through prolonged or repeated exposure (blood and thymus)**
 - **Suspected of damaging fertility and the unborn child**
 - **Very toxic to aquatic life with long lasting effects**
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- Wash hands thoroughly after handling.
 - Do not eat, drink or smoke when using this product.
 - Wear protective gloves/protective clothing/eye protection/face protection.
 - Get medical advice/attention if you feel unwell
 - Collect spillage.
 - Dispose of contents/container as hazardous waste.
 - Avoid release to the environment.

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

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

FOR 24 HOUR EMERGENCY INFORMATION TELEPHONE **01763 212 100**.

Registration Holder

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Marketing Company

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GRECALE is a registered trademark and product of SIPCAM OXON S.P.A.



Scan to view the Safety Data Sheet

Alternatively, download the Safety Data Sheet from sipcamuk.co.uk or contact your supplier.

sipcamuk.co.uk

FUNGICIDE

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IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE

Crops	Maximum individual dose (L product/hectare)	Maximum number of treatments	Latest time of application	Aquatic buffer zone distance (m)
Potato (Low-Medium disease risk)	0.5	6	7 days before harvest	6
Potato (High disease risk)	0.6	6	7 days before harvest	6

Other Specific Restrictions: A minimum interval of 7 days between applications must be observed. The maximum concentration must not exceed 0.6L product per 240L water. Avoid spraying within 5m of the field boundary to reduce effects on non-target insects and other arthropods.

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS

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 they afford an equal or higher standard of protection.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH SPLASHES from skin and eyes immediately.

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

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

Environmental Protection

To protect aquatic organisms respect an unsprayed buffer zone to surface water bodies as specified for the crop.

HORIZONTAL BOOM SPRAYERS MUST BE FITTED WITH THREE STAR DRIFT REDUCTION TECHNOLOGY. Low drift spraying equipment must be operated according to the specific conditions stated in the official three star rating for that equipment as published on HSE Chemicals Regulation Directorate's website. Maintain three star operating conditions until 30 m from the top of the bank of any surface water bodies.

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within the distance specified for the crop to the top of the bank of a static or flowing water body, or within 1 m of the top of a ditch which is dry at the time of application. Aim spray away from water. NOTE: BUFFER ZONES OF MORE THAN 5 M CANNOT BE REDUCED UNDER THE LOCAL ENVIRONMENT RISK ASSESSMENT FOR PESTICIDES (LERAP) SCHEME.

The statutory buffer zone must be maintained and the distance recorded in Section A of the LERAP record form. The LERAP record form must be kept available for three years.

RISK TO NON-TARGET INSECTS OR OTHER ARTHROPODS. See Directions for use.

Do not apply with hand held equipment. Avoid release to the environment.

Storage and Disposal

- Collect spillage
- Dispose of contents/container as hazardous waste
- 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
- KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS
- KEEP OUT OF THE REACH OF CHILDREN
- WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely
- KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place

DIRECTIONS FOR USE

IMPORTANT

This information is authorised 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.

Effectiveness using three star drift reduction technology may be reduced.

Avoid spraying within 5 m of the field boundary to reduce effects on non-target insects or other arthropods.

Diseases Controlled and Application Timing

GRECALE is recommended for the use as a fungicide in the field for post-emergence application (BBCH 21-89) to potato infested with Late blight (*Phytophthora infestans*).

Crop specific information

The product is used for the control of Late blight (*Phytophthora infestans*) in Potatoes. A minimum interval of 7 days between applications must be observed.

Dose

Intervals between applications of 'Grecale' should be reduced as blight risk increases so that protection of the crop can be maintained as follows:

Risk situation	Further information	Interval	Rate L/ha
Low	Applications should be made as a precautionary measure, before conditions conducive to blight development have occurred.	10-14 days	0.5
High	Following two warm, humid days or in irrigated crops.	7-10 days	0.5
Severe	During continued warm, humid weather and when blight is in nearby crops, potato dumps or volunteer plants.	7 days	0.6

- N.B. Potato blight fungicides may not give complete protection when the disease risk is severe. However, disease development will be delayed with a well-timed spray programme.
- Up to 6 applications of GRECALE per crop may be made.
- Apply GRECALE in 240-600 litres of water per hectare. Apply as a MEDIUM quality spray as defined in the BCPC system.
- Apply at the recommended water volumes, appropriate for the density of the crop, ensuring good coverage of the foliage.

TIMING

GRECALE should be used from the beginning of May onwards.

GRECALE should be applied as part of a repeat spray programme at 7-10 day intervals.

GRECALE must be used preventatively starting applications as soon as there is a risk of blight infection, or an official blight warning has been issued.

In the absence of any warnings applications should start as soon as crops meet within the rows.

A maximum of 6 applications may be applied to the crop.

Protect from frost.

FOLLOWING CROPS

There are no restrictions on following crops.

MIXING AND SPRAYING

Shake well before use. Half fill the spray tank with clean water and add the required quantity of GRECALE while maintaining constant agitation. Add the remaining water and continue agitation during spray application.

Wash out all spray equipment with water immediately after use.

FUNGICIDE RESISTANCE

GRECALE contains a mixture of cymoxanil (a cyanoacetamide-oxime fungicide) and fluazinam (a 2,6-dinitro-Aniline fungicide). To reduce risk of resistance developing the product should be used as a part of a spray programme of treatments using fungicides with different modes of action. For further advice on resistance management for potato blight (*Phytophthora infestans*) contact your agronomist or specialist advisor and/or visit the FRAG-UK and Potato Council websites.

SIPCAM UK LTD CONDITIONS OF SUPPLY

We accept responsibility for this product meeting the declared specification and also for our written directions for use and warnings. Users however should be aware that no responsibility can be accepted for use which disregards our written instructions, including directions, warnings and precautions, nor for any advice given by any person whether verbal or written, about storage, mixing and application, or about any use which is not strictly in accordance with our written instructions.