



BELCHIM
C R O P P R O T E C T I O N

PROFILUX®

Version and date: Version 1 Summer 2016

Changes since last version: N/A

FORMULATION AND ACTIVE INGREDIENT: A water dispersible granule formulation (WG) containing 4.5% w/w cymoxanil and 68% w/w mancozeb. A fungicide for the control of potato foliar late blight.

PACK SIZE: 10 kg e

PCS No.: 05588

UN Number: 3077



FOR PROFESSIONAL USE ONLY

RISK AND SAFETY INFORMATION FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE

Crop	Max. Individual Dose	Max. number of applications	Maximum total dose	Latest time of application
Potatoes	2.5 kg product/ha	6 per crop	15 kg/ha	7 days before harvest




Other specific restriction:

A minimum interval of 7 days must be observed between applications.

Specific diseases controlled:

Control of Late blight in potatoes caused by *Phytophthora infestans*

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.

<p>Warning</p>   	<p>Profilux WG A water dispersible granule formulation (WG) containing 4.5% w/w cymoxanil and 68% w/w mancozeb</p> <p>May cause an allergic skin reaction. Suspected of damaging fertility. Suspected of damaging the unborn child. Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.</p> <p>Avoid release to the environment. Wear protective gloves and protective clothing. IF ON SKIN: Wash with plenty of soap and water. If exposed or concerned: get medical advice/attention. Collect spillage. Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean triple-rinsed containers which can be disposed of as non-hazardous waste.</p> <p>Contains mancozeb and cymoxanil. May produce an allergic reaction.</p> <p>To avoid risks to human health and the environment, comply with the instructions for use.</p>
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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 SUITABLE RESPIRATORY PROTECTIVE EQUIPMENT* when handling the product. *Disposable filtering face piece respirator to at least EN149 FFP2 or equivalent.
- WEAR SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.
- WHEN USING DO NOT EAT, DRINK OR SMOKE.
- DO NOT BREATHE SPRAY.
- IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible).
- AVOID CONTACT WITH SKIN
- WASH CONCENTRATE from skin and eyes immediately.
- WASH HANDS AND EXPOSED SKIN before eating drinking or smoking and after work.

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 5m to surface water bodies.
- RISK TO NON-TARGET INSECTS OR OTHER ARTHROPODS. See Directions for use.

Storage and Disposal

- KEEP IN ORIGINAL CONTAINER tightly closed in a safe place.
- KEEP AWAY FROM FOOD AND DRINK AND ANIMAL FEEDING STUFFS.
- KEEP OUT OF REACH OF CHILDREN.
- EMPTY CONTAINER COMPLETELY and dispose of safely.
- WASH CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely.
- DO NOT RE-USE CONTAINER for any purpose

RESTRICTIONS/WARNINGS

- Allow a minimum of 7 days between applications.
- Do not allow packs to become wet during storage.
- Do not keep opened packs from one season to another as this may reduce the effectiveness of the fungicide and may create vapours that may be flammable.
- Keep away from fire or sparks.

RESISTANCE

When fungicides with the same mode of action are used repeatedly over several years in the same field, naturally occurring less sensitive strains may survive, propagate and become dominant in that field. It is therefore advised that wherever possible spray programs should include fungicides with differing modes of action. For further information please refer to UK-FRAG guidance on managing resistance in Potato late blight.

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.

PROFILUX combines the local systemic action of cymoxanil and the protectant activity of mancozeb for the control of foliar late blight (*Phytophthora infestans*) of potatoes. PROFILUX can be used on all varieties of early and maincrop potatoes. On crops grown for processing consult your processor before use.

TIMING OF APPLICATION:

Timing of spray applications should take into account the normal prevalence of the disease in the area and conditions in the particular season. The first spray should be applied as soon as there is a risk of foliar late blight infection or an official warning has been issued. In the absence of a warning, spraying should begin just before the crop meets along the rows.

Applications should be repeated at 10 – 14 day intervals depending on the prevalence of the disease and favourable conditions for infection. A 7 day spray interval may be used under exceptional circumstances e.g. foliar late blight risk is already high and rain is forecast at the time the next 10 day spray is due. The longer interval is recommended under dry conditions. Irrigation of crops increases the risk of foliar late blight and crops should always be sprayed with PROFILUX as soon as possible after irrigation subject to the minimum spray interval of 7 days. Irrigated crops should normally be sprayed at 10 day intervals. High-risk situations include conditions of rapid growth, irrigated crops, areas of intensive potato growing, particularly foliar late blight-sensitive varieties, when further warnings are issued, or when active foliar late blight is in the area.

DOSE:

Apply PROFILUX at 2 kg/ha. Where conditions or forecasting indicate high disease pressure, a rate of 2.5 kg/ha is recommended.

Maximum number of treatments: 6 per crop.

Latest time of application: 7 days before harvest.

VOLUME AND SPRAY QUALITY:

Apply PROFILUX in no less than 200 litres of water per hectare as a MEDIUM quality spray (as defined by BCPC).

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

MIXING:

PROFILUX mixes easily with water, but the following mixing procedure should be followed: Quarter fill the spray tank with water and start the agitation. Slowly add the required quantity of PROFILUX directly to the tank. Continue agitation while topping up the tank and while spraying.

WARRANTY: The seller makes no warranty, expressed or implied, concerning the use of the product other than indicated on the label. The purchaser and user shall assume all risk associated with the use and/or handling and/or storage of the product if this use and/or handling and/or storage are carried out contrary to label instructions.

DAMAGES: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damage not exceeding the purchase price of the product, and shall not include incidental or consequential damages.

TECHNICAL ENQUIRIES:	01480 403333
24 HOUR EMERGENCY NUMBER:	0032 1458 4545

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Weblink to MSDS: www.belchim.co.uk/pdf/MSDS/Profilux_MSDS.pdf	

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