

Profilux®

Contents: **10kg**

A fungicide for the control of potato foliar late blight

FOR USE AS AN AGRICULTURAL FUNGICIDE

A WATER DISPERSIBLE GRANULE FORMULATION (WG)
CONTAINING 4.5% W/W CYMOXANIL AND 68% W/W MANCOZEB

PRODUCTION DATE / BATCH NUMBER: SEE PACKAGING

FOR PROFESSIONAL USE ONLY

GROUP U27 M03 FUNGICIDES

MAPP No.: 16125



This label is compliant with the CPA Voluntary Initiative

24-hour emergency number:
0032 14 58 45 45

Technical enquiries:
01480 403333

PROFILUX® A water dispersible granule formulation (WG) containing 4.5% w/w cymoxanil and 68% w/w mancozeb

WARNING



H317 May cause an allergic skin reaction.
H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.



H410 Very toxic to aquatic life with long lasting effects
P273 Avoid release to the environment.
P280 Wear protective gloves and protective clothing.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P308+P313 IF exposed or concerned: get medical advice/attention.
P391 Collect spillage.
P501 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.



EUH208 Contains mancozeb and cymoxanil. May produce an allergic reaction.
EUH401 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.

**IMPORTANT INFORMATION
FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE**

Crops/ Situations:	Maximum individual dose: (kg product/ha)	Maximum number of treatments: per crop	Latest time of application:
Potatoes	2.5	6	7 days before harvest

Other specific restrictions:

- A minimum interval of 7 days must be observed between applications.
- This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with CRD's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.

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

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.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

- 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 or 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 to surface water bodies in line with LERAP requirements.
- DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 m of the top of the bank of a static or flowing water body, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 m of the top of a ditch which is dry at the time of application. Aim spray away from water.
- This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with CRD's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.
- 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 5 m of the field boundary to reduce effects on non-target insects or 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.

To access the Safety Data Sheet for this product scan the QR code or use the weblink below:



Weblink to specific data sheet on manufacturer's website:

http://www.belchim.co.uk/pdf/MSDS/ProfiluxWG_MSDS.pdf

Alternatively, contact your supplier.