

BLITZ

Product Registration Number: MAPP 20407

A water dispersible granule formulation containing 75% w/w mancozeb

A protectant fungicide for the control of BLIGHT in POTATOES, reduction of LEAF SPOT and useful control of BROWN RUST in WHEAT, control of RUST in BULB ONION and SHALLOT crops, and control of LEAF BLIGHT in CARROT and PARSNIP

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

PROTECT FROM FROST.

Pack size: 10-25 kg

Approval Holder:

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Marketed by:

Clayton Plant Protection UK Ltd

Bracetown Business Park,
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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.

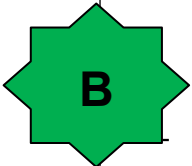
- WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND SUITABLE RESPIRATORY PROTECTIVE EQUIPMENT (FFP 3)* when handling the product.
- WEAR SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces. However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal and higher standard of protection.
- WHEN USING, DO NOT EAT, DRINK OR SMOKE. - WASH HANDS AND EXPOSED SKIN before meals 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 farmyard 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 broadcast air-assisted sprayers to fall within 40 metres of the top of the bank of a static or flowing water body, unless a Local Environment Risk Assessment for Pesticides

LERAP

(LERAP) permits a narrower buffer zone, or within 5 metres of the top of a ditch which is dry at the time



of application. Aim spray away from water

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 metres 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 metre 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 HSE'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.

Storage and disposal:

- KEEP OUT OF REACH OF CHILDREN.
- KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.
- KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place. - EMPTY CONTAINER COMPLETELY and dispose of safely.

WARNING

Hazard Statements: *Disposable filtering facepiece respirator to at least EN 149 FFP2 or equivalent.



- H317:** May cause an allergic skin reaction.
- H319:** Causes serious eye irritation.
- H361d:** Suspected of damaging the unborn child **H400:** Very toxic to aquatic life.
- H411:** Toxic to aquatic life with long lasting effects.



Precautionary Statements:

Prevention:

- P201:** Obtain special instructions before use.
- P280:** Wear protective gloves/protective clothing/eye protection/face protection.



- Response: P305+P351+P338:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage:

- P405:** Store locked up

Disposal:

- 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.

Other Specific Restrictions:
Do not apply to protected crops.
(1) A minimum interval of 7 days must be observed between applications to potatoes.
(2) For outdoor crops of bulb onion and shallot the rate of product applied must not exceed 2.5 kg product per hectare irrespective of the water volume being used. A minimum interval of 7 days between applications must be observed.
(3) For outdoor crops of carrot and parsnip the rate of product applied must not exceed 2.0 kg product per hectare irrespective of the water volume being used. A minimum interval of 14 days between applications must be observed.

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.

Supplementary Statements:

EUH 401: To avoid risks to human health and the environment, comply with the instructions for use.

SP1: 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).

IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE

Crop	Maximum individual dose of product	Maximum number of treatments	Latest time of application
Potato	2.0 kg/ha	8 per crop (See Other Specific Restrictions 1)	7 days before harvest
Winter wheat, Spring wheat, Durum wheat	2.0 kg/ha	3 per crop	Before milky grain ripe stage (GS 65)
Bulb onion (outdoor), Shallot (outdoor)	2.5 kg/ha (See Other Specific Restrictions)	4 per crop (See Other Specific Restrictions 2)	28 days before harvest
Carrot (Outdoor), Parsnip (outdoor)	2.0 kg/ha (See Other Specific Restrictions)	4 per crop (See Other Specific Restrictions 3)	30 days before harvest

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:

This product is a preventative fungicide. The first application should be made just before disease is expected to appear, with repeat applications at the recommended intervals in programme with other fungicides.

NOTES:

Avoid spray overlap or excessive application.

The best available application technique, which minimizes off-target drift, should be used to reduce potential effects on non-target insects or other arthropods.

Allow foliage to dry before applying **BLITZ** after rainfall or irrigation.

Do not apply **BLITZ**, if rain is expected within four hours of application.

It is important to keep containers tightly closed and stored in a cool, dry place. Keep away from fire and sparks. Once the container has been opened the material should not be kept over from one season to the next.

RESISTANCE:

According to FRAC guidance potato blight is considered to be a disease with a moderate to high risk of developing resistance to fungicides. **BLITZ** is a multi-site contact fungicide and because of this the risk of resistance development is reduced however it is in your interest and best practice to plan a programme of treatments using fungicides with different modes of action throughout the season for all crops.

POTATOES

Pest	Control of late blight (<i>Phytophthora infestans</i>) and early blight (<i>Alternaria solani</i>)
Application rate	2.0 kg/ha.
Water volume	150-600 L/ha

Timing	Applications must be made preventively as part of a blight control programme with regard to Blight Infection Periods or local blight warnings. In the absence of any warnings, applications should commence when the crop meets along the row. If a blight warning is issued for the area, apply the first spray immediately, irrespective of the growth stage of the crop. In common with all protectant fungicides, it is essential to spray BLITZ before blight appears in the crop. For this reason a regular spraying programme should be carried out. BLITZ is not a curative product so do not use if blight is present in the crop. If sprays are delayed due to poor weather and blight risk is severe then consider applying BLITZ in tank mixture with an active ingredient that offers "kick back" activity such as Cymoxanil.
Interval between applications	Minimum 7 days. Apply BLITZ on a 7-10 day spray interval, depending on disease pressure. As disease pressure and the risk of late blight infection increases, the interval should be shortened. Situations classed as high risk would be: <ul style="list-style-type: none"> • Irrigated crops • Extended periods of warm, humid weather and • Areas where main crop and early potatoes are a commonly grown crop or • Areas where local weather conditions allow for an increased threat of blight epidemics, e.g. the West and South West of England/Wales and East Anglia • Where blight has been identified in nearby potato crops or on volunteer potatoes or on potato dumps.
Maximum number of applications	8 per crop
Latest time of application	7 days before harvest

WINTER AND SPRING WHEAT, DURUM WHEAT

Pest	Reduction of leaf spot (<i>Septoria tritici</i>) and useful control of light to moderate attacks brown rust (<i>Puccinia recondita</i>)
Application rate	2.0 kg/ha
Water volume	200-400 L/ha
Timing	BLITZ is a protectant fungicide and will not control established disease infections. If leaf spot or brown rust is already established or "kick-back" activity is required BLITZ should be applied in combination with an appropriate fungicide with curative activity. Leaf spot: A programme of two applications of BLITZ with a 14 day spray interval, normally starting between GS31 and GS37, should be made to prevent the disease reaching the flag leaf and leaves 2 and 3, though in high risk situations a third application may be required after a further interval of 14 days. It is essential for best results to apply before any disease is well established. Brown rust: One or two sprays of BLITZ should be made beginning at the onset of disease infection.
Interval between applications	14 days
Maximum number of applications	3 per crop
Latest time of application	Before milky grain ripe stage (GS 65)

OUTDOOR CROPS OF BULB ONION AND SHALLOT

Pest	Protectant control of rust (<i>Puccinia allii</i>)
Application rate	2.5 kg/ha

Water volume	200-1000 L/ha Increase the spray volume with the growth of the plant to ensure good coverage and penetration. The rate of BLITZ should not exceed a maximum of 2.5 kg/ha irrespective of the water volume used.
Timing	Apply from the 2 leaf stage onwards as a protectant spray before disease has established in the crop.
Interval between applications	7 days
Maximum number of applications	4 per crop
Latest time of application	28 days before harvest

OUTDOOR CROPS OF CARROT AND PARSNIP

QUALIFIED MINOR USE RECOMMENDATION BASED ON LIMITED EVIDENCE OF EFFICACY:

Pest	Alternaria leaf blight (<i>Alternaria dauci</i>)
Application rate	2.0 kg/ha
Water volume	200-1000 L/ha Increase the spray volume with the growth of the plant to ensure good coverage and penetration. The rate of BLITZ should not exceed a maximum of 2.0 kg/ha irrespective of the water volume used.
Timing	Apply from the 2 leaf stage onwards as a protectant spray before disease has established in the crop.
Interval between applications	14 days
Maximum number of applications	4 per crop
Latest time of application	30 days before harvest

APPLICATION EQUIPMENT

BLITZ should be applied through hydraulic sprayers providing they are in good working order and have been calibrated according to the manufacturer's recommendations.

SPRAY QUALITY

Use a MEDIUM quality spray (as defined by the British Crop protection Council) at 2-3 bar in a suitable water volume to ensure complete cover of the foliage. Spray fans should overlap just before the top of the crop.

WATER VOLUMES

Refer to individual crop recommendations for specific advice.

MIXING

Add half the required volume of water to the spray tank and begin agitation. Remove the filter basket and pour the required amount of **BLITZ** into the partially filled spray tank. Continue agitation while topping up the tank and during spraying and transport operations.

When tank-mixing with other products add the **BLITZ** after the other product has already dispersed in the spray tank.

COMPATIBILITY

For information about compatible tank mixtures please consult your distributor/adviser.

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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