



MANZATE 75 ®

FUNGICIDE

MAPP 15052

A water dispersible granule (WG) containing 75% w/w Mancozeb.

For the control of potato late blight (*Phytophthora infestans*) and apple scab (*Venturia inaequalis*), moderate control of Septoria leaf spot (*Mycosphaerella graminicola/Septoria tritici*) in wheat, reduction of brown rust (*Puccinia triticina*) in wheat, and control of downy mildew (*Peronospora destructor*) in onions and control of Botrytis in flowerbulbs.



Warning

May cause an allergic skin reaction.

Suspected of damaging the unborn child.

Very toxic to aquatic life with long lasting effects.

Avoid breathing dust.

Avoid release to the environment.

Wear protective gloves/protective clothing/eye protection/face protection.

If skin irritation or rash occurs: get medical advice/attention.

If exposed or concerned: get medical advice/attention.

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.

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

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IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL FUNGICIDE

Crops/situations	Maximum individual dose (kg product/ha)	Maximum number of treatments (per crop)	Latest time of application
Apples (outdoor)	2.5 pre blossom in 1000 litres of water and/or 2.0 post blossom in 1000 litres of water.	4	28 days before harvest
Wheat (winter), wheat (spring)	2.0	3	Anthesis half way (BBCH65)
Potato (outdoor)	1.7	8	7 days before harvest
Bulb onion (outdoor)	2.0	4	28 days before harvest
Ornamental plant production	2.0	8	BBCH 49

OTHER SPECIFIC RESTRICTIONS:

1. This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer or broadcast air-assisted sprayer, either a LERAP must be carried out in accordance with Pesticides Safety Directorate'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.
2. A minimum interval of 7 days between applications on potatoes, apples, and onion must be observed.
3. A minimum interval of 21 days must be observed between applications to wheat.
4. Spray concentration must not exceed 2.5 kg product in 500 L water (i.e. 0.375 kg as/ha) for applications on apple.

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 (disposable filtering face piece respirator to at least EN 149 FFP2 or equivalent) when handling the concentrate.

WEAR SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.

WEAR SUITABLE PROTECTIVE GLOVES when applying by hand-held equipment.

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

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 broadcast air-assisted sprayers to fall within 50 m of the top of a bank of a static or flowing waterbody, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 5m 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 5m 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 1m of the top of a ditch which is dry at the time of application. DO NOT ALLOW DIRECT SPRAY from hand-held sprayers to fall within 1m of the top of the bank of a static or flowing water body. Aim spray away from water.

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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.

PREPARATION OF SPRAY

Half fill the sprayer tank with clean water. Commence agitation. Steadily add the recommended quantity of MANZATE 75 WG direct to spray tank. Premixing is not necessary. Complete filling and agitate the solution before spraying commences. Maintain agitation during spraying.

POTATOES - Control of Potato Blight

Application rate: Apply 1.7 kg MANZATE 75 WG in at least 200 litres of water per hectare.

Timing

1. Areas of severe blight infection*: Apply the first spray before the haulm meets across the rows or as soon as a blight warning is received, whichever occurs first.

Repeat every 10 days until the haulm is burnt off. A 7-day spray interval may be used under exceptional circumstances where for instance, blight risk is already high and rain is forecast at the time the next spray is due.

2. Areas where blight is less common and less severe. Apply the first spray when a blight warning is issued. Further application should be made at 10-14 days intervals for as long as blight conditions persist, until the haulm is burnt off. *Irrigated crops for 10 days after burning off.

Note: In all cases efficient spraying to give complete coverage of foliage is essential.

APPLES - Control of Scab

Pre-blossom applications:

Application rate: 2.5 kg in 500-1000 litres water per hectare.

Post-blossom applications:

Application rate: 2.0 kg in 500-1000 litres water per hectare.

Timing

Start spraying at bud burst and repeat sprays at 7-10 days intervals until the end of June, or later if necessary. The safety of MANZATE 75 WG on parasites and predators used in integrated control systems has not been established and safety cannot be assumed.

CEREALS - For Moderate Control of Septoria Leaf Spot (*Mycosphaerella graminicola*/ *Septoria tritici*) and Reduction of Brown Rust (*Puccinia triticina*) in Winter and Spring Wheat.

Application rate: Apply 2.0 kg in 200-600 litres water per hectare. Latest application: Anthesis half way (BBCH 65)

Timing

Apply from the start of stem extension at 21 day intervals depending on disease incidence, and before the disease becomes established. Spray for Septoria leaf spot from growth stage 30 onwards.

ONIONS - Control of Downy Mildew

Start spraying at disease onset and repeat at 7 days intervals.

Application rate: Apply 2.0 kg in minimum spray volume 300 - 1000 litres water per hectare at a maximum of 4 applications.

FLOWER BULBS - Control of *Botrytis* spp.

Timing

BBCH 40-49 at intervals of 7 days. Application should commence as soon as the crop is considered to be at risk from infection.

CONDITIONS OF SUPPLY

All goods supplied by the company are of good quality and we believe them to be fit for purpose. However, 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, and 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. Brand names used in this label may be registered trademarks of UPL Europe Ltd, or other manufacturers in which propriety rights may exist.

To access the Safety Data Sheet for MANZATE 75 WG please use the link below or scan the code.



uk.uplonline.com/cropproductportfolio

Alternatively, contact your local supplier.

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For 24 hour emergency information contact:
CARECHEM24 : +44 (0) 1235 239670
For Batch Number and Manufacturing Date see container.

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