

L1042195 ZIMB/04W PPE 4094759



RidomilGold®

MZ 68 WG

syngenta.

Before using this product read and understand the entire label.

**TO CAUSE A HAZARD IN THE USE,
STORAGE OR DISPOSAL OF THIS SUBSTANCE
IS AN OFFENCE.**

Shelf-life: Two years from date of manufacture if stored in original container under constant cool conditions.

Date of manufacture: / Batch No:

Please refer to Inkjet print.

Emergency Call Number:

Swiss Toxicological Information Centre
(24 h) +41 44 251 51 51

Manufacturer:

Syngenta Crop Protection AG, Basel, Switzerland

® Registered Trademark of a Syngenta Group Company

Registered by: Syngenta Agro AG

32 Sandringham Drive, Alexandra Park, Harare.

Tel.: 08677005432 / 08677005434

1 kg

Product names marked ® or TM, the ALLIANCE FRAME
the SYNGENTA Logo and the PURPOSE ICON
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DESCRIPTION:
BOOKLET 4-16 PG 130x140 MM

SCALE:
1:1

ISSUE NO:
SYN001

ISSUE DATE:
26.09.2013

4029064

PRECAUTIONS

- Handle with care; avoid contact; poisonous by swallowing, inhalation and contact with the skin.
- DANGEROUS TO FISH AND BEES.
- KEEP OUT OF REACH OF CHILDREN.
- KEEP APART FROM FOOD, FOOD STUFFS, seeds and fertilizers.
- Store in original container in a cool, dry place and KEEP UNDER LOCK AND KEY.
- Use only on the crops for which the product is registered.
- Avoid drift onto adjacent crops or soil.
- Decontamination of Sprayer – after use clean the sprayer thoroughly and ensure that all traces of RIDOMIL GOLD MZ 68 WG are removed. Make use of the following method: (a) Drain tank then rinse tank, sprayer boom and hoses with clean water for at least 10 minutes. (b) Fill tank with clean water and add to it 1,0 litre household bleach (5%) or 1,5 litres household bleach (3,5%) per 200 litres of water. Rinse hoses and sprayer boom and leave in the tank for 15 minutes whilst agitating. Drain through the nozzle outlets. (c) Repeat step (b) and thereafter, rinse thoroughly with clean water and dispose of the wash water at a site designated for the disposal of pesticides.
- Empty container disposal – rinse the container 3 times with a volume of water equal to at least 10% of that of the container. Add the rinsate to the contents of the spray tank. Destroy the empty container by perforation and flattening. Place it in a secure disposal area and offer it for recycling. DO NOT use it for any other purpose.

SYMPTOMS OF POISONING

No case of human poisoning is on record.

FIRST AID

If poisoning is suspected, stop work immediately and seek medical advice. In case of contact with skin and eyes, wash immediately with plenty of water. Rinse splashes from eyes with abundant fresh and clean water for at least 10 minutes. If inhaled move to clean air. If swallowed, give a large quantity of medical charcoal in plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting.

NOTE TO PHYSICIAN

No specific antidote is known. Apply symptomatic therapy.

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WARRANTY

The user bears the risk for damage resulting from factors beyond the manufacturer's control. The manufacturer declines all liability for damage resulting from improper storage or use of the product. Experience has shown that strains of fungus resistant to Metalaxyl-M may develop, resulting in a reduction in the efficacy of the product and thus in yield losses. Since the occurrence of resistance cannot be foreseen, Syngenta accepts no responsibility for any loss of, or damage to crops resulting from the failure of Ridomil Gold® MZ 68 WG to control resistant strains.

MODE OF ACTION

Ridomil Gold® MZ 68 WG is a mixture of Metalaxyl-M, a systemic fungicide with curative and protective properties and mancozeb, a residual protective fungicide. Metalaxyl-M enters the plant through roots, stems and leaves and is translocated upwards protecting also new growth. It provides control of fungi from within the plant inhibiting fungal growth and reproduction and protects new growth produced after application. Mancozeb is a protective residual fungicide. It provides a protective film over leaf and stem surface and inhibits germination of spores.

TIMING

Ridomil Gold® MZ 68 WG is not recommended after plants have reached maturity as the activity of Metalaxyl-M may be insufficient due to reduced absorption and translocation.

WARNINGS

The preharvest intervals are as follows:

Tomatoes, cucurbits: 3 days

Onions, brassicas: 7 days

Lettuce, spinach: 14 days.

For potatoes and other crops; not pertinent because of the recommended time of application.

DIRECTIONS FOR USE

1. POTATOES: Late blight (*Phytophthora infestans*)

Ridomil Gold® MZ 68 WG should be applied on a «Preventive Programme Basis». The application programme should be a maximum of 2 treatments, at an interval of 10 days during the rainy season, when late blight infestation

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danger is very high. The first application should be made before late blight is present on the crop. Before and after Ridomil Gold® MZ 68 WG application the crop should be treated with contact fungicides at recommended intervals.

PREVENTIVE TREATMENT PROGRAMME

Commence the spray programme on early summer planted crops before late blight warning is given. If Ridomil Gold® MZ 68 WG is applied as a directed band spray before the crop meets across the rows, ensure that the recommended rate is still applied per planted hectare. Change over to a fungicide with a different mode of action when active growth has ceased (between the end of flowering and the onset of senescence), within 7 days of the last application of Ridomil Gold® MZ 68 WG.

Early blight (*Alternaria solani*) may be a problem on potatoes. Although the amount of mancozeb applied at the recommended rate of 2.5 kg/ha will have a good effect on early blight, under moderate disease pressure, Ridomil Gold® MZ 68 WG will not control early blight when applied in a 10 day schedule. When conditions for early blight development are favourable, a contact fungicide should be applied according to local specifications between each Ridomil Gold® MZ 68 WG spray and 5-7 days after the last application of Ridomil Gold® MZ 68 WG.

RECOMMENDATIONS FOR USE

The recommended dosage of Ridomil Gold® MZ 68 WG should be applied in a spray volume of not more than 500 lt. per hectare for ground application. Sufficient water should be used to obtain thorough coverage of the foliage but avoid «run-off». The addition of stickers or wetters is not recommended.

Spray volume	Dosage	Spray Interval
Ground Use no more than 500 lt./ha	2.5 kg/ha	Maximum of 2 treatments at an interval of 10 days during the rainy season when late blight infestation danger is very high. 1st application before late blight is present on crop. Before and after Ridomil Gold® MZ 68 WG applications use local contact fungicides as recommended.
Aerial Use 40 litres of spray mix. Including 2 litres of Orchex per ha	3.0 kg/ha	

AERIAL APPLICATION

Ridomil Gold® MZ 68 WG may be applied aerially provided the final spray deposit is uniform on target and that the recovery corresponds to the recommended dosage rate. To achieve this the following should be met:

- Application rate: 40 litres/ha
- Recovery spray VMD: 200-300 microns
- Optimal flight height: 3 metres
- Track intervals: Pawnee P25 C - 16 metres
Thrush Commander - 20 metres

Mark fields accurately.

- DO NOT spray under hot, dry or windy conditions.
Relative humidity - maximum 50%.
- Maximum wind speed 8 km/h.

2. TOMATOES Late blight (*Phytophthora infestans*)

Ridomil Gold® MZ 68 WG should be applied on a «Preventive programme basis».

RECOMMENDATIONS FOR USE

Apply a maximum of 4 sprays during the period of active growth; the first application when conditions are favourable for late blight development. At the recommended rate of 350 g/100 litres of water, the amount of mancozeb applied with Ridomil Gold® MZ 68 WG corresponds with the normal rate recommended for early blight control. However, if weather conditions are favourable for early blight development a contact fungicide should be applied according to label recommendations between each Ridomil Gold® MZ 68 WG spray. Ridomil Gold® MZ 68 WG is not recommended for use in covered crops e.g. greenhouses and plastic tunnels. In order to ensure good spray coverage high volume sprays to the point of run off should be applied, normally 500-1500 lt. per hectare depending on plant size.

DOSAGE RATES

Dosage per 100 litres water	Spray interval	Volume of water per ha
350 g	Maximum of 4 sprays during period of active growth at 7-10 day intervals. The 7 day interval should be observed under continuous heavy disease pressure. Change over to a fungicide with different mode of action within 5-7 days of last application of Ridomil Gold® MZ 68 WG.	500-1500 lt. depending on plant size.

3. VEGETABLES

- Brassica seedbeds - Downy mildew (*Peronospora parasitica*)
- Cucurbits - Downy mildew (*Pseudoperonospora destructor*)
- Onions - Downy mildew (*Peronospora farinose*)
- Spinach - Downy mildew (*Peronospora farinose spinacea*).

RECOMMENDATIONS FOR USE

Use on «Preventive Programme basis». Ridomil Gold® MZ 68 WG is effective in controlling downy mildew in brassicas (broccoli, Chinese cabbage, brussels sprouts, cauliflower, cabbage and rape), cucurbits, onions and spinach. It provides excellent crop protection also under heavy disease pressure. For brassica seedbed disease control, the first application should be carried out immediately after sowing on the bare seedbed. Spray to the point of run off; if less water is used concentrate the spray mixture accordingly. There is no need to add wetting agents or stickers.

Dosage	Spray interval	Timing
250 g per 100 litres of water	Apply a maximum of 3 sprays per crop at an interval of 3 days. Change over to a fungicide with different mode of action within 7 days of the last application of Ridomil Gold® MZ 68 WG.	First application shortly before disease attack is expected.

4. ROSES Downy mildew (*Peronospora sparsa*)

Dosage	No. of applications & Timing	Spray interval	Spray volume per ha
250 g per 100 litres water (1.25 kg/ha)	Apply a maximum of 3 sprays per crop. First application shortly before disease attack is expected.	10 days. Change to a fungicide with a different of action within 7-10 days of the last application of Ridomil Gold® MZ 68 WG.	500-1000 lt.

PREPARING MIXTURE

Mix the required quantity of Ridomil Gold® MZ 68 WG with a small volume of water into a slurry. Half fill the spray tank with clean water and while agitating, pour the slurry into the spray tank through a 50 mesh sieve. Top up the tank to the required volume. Ensure thorough agitation of the mixture in the tank during mixing and spraying.

COMPATIBILITY

Ridomil Gold® MZ 68 WG is compatible with most other commonly used fungicides and insecticides. The compatibility of Ridomil Gold® MZ 68 WG with third party products may be affected by the formulation of the other products and or the quality of the water used for dilution. Since Syngenta cannot be aware of the water quality, we cannot accept responsibility for poor results or crop damage attributed to poor compatibility. Test compatibility with the water and the product to be used in the mixture, prior to application to ensure both physical compatibility and crop safety.

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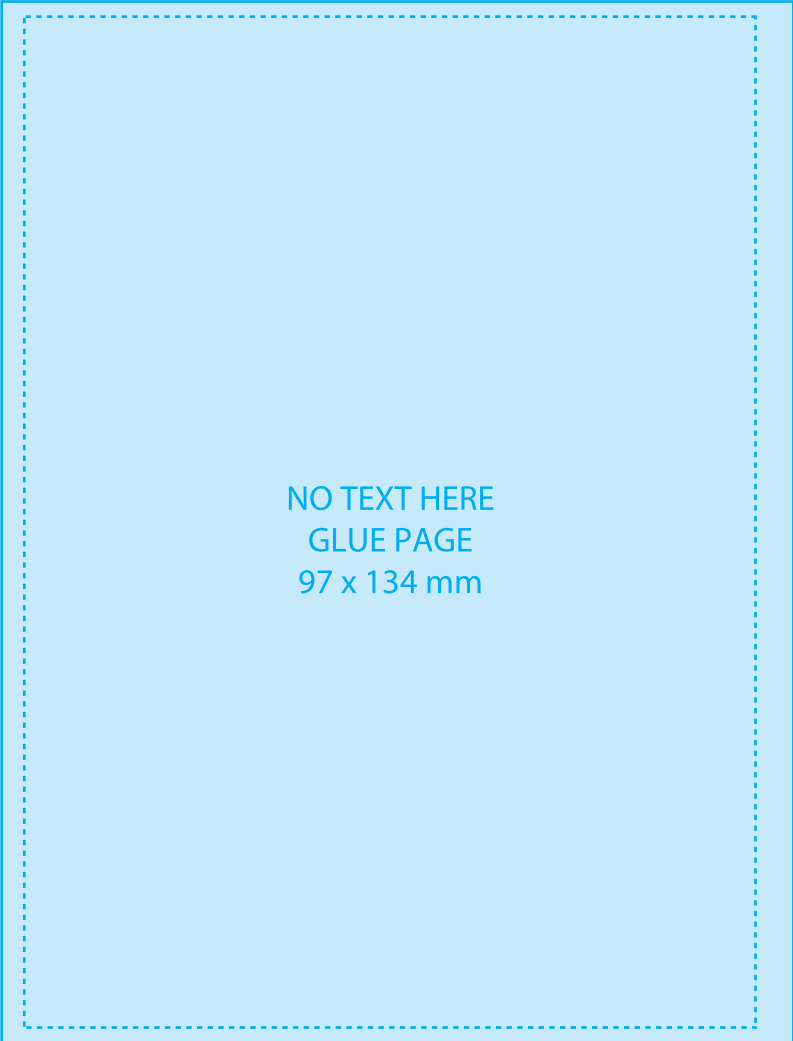
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