

ADVANTAGES/ BENEFITS

The characteristics of Fantic M enable it to offer numerous advantages, which can be summed up as follows:

CHARACTERISTIC	PRACTICAL BENEFITS
Marked biological activity	Efficacy at low doses Excellent preventative and curative action fast /immediate action Long-lasting preventative activity
Original mechanism of action	Through systemic inhibition of pathogen inside the plant Through contact action, by disrupting the membranes of the zoospores
Even distribution in the plant	Rapid penetration and uniform distribution throughout the plant, with particular protection of the bunches Rain Fastness
Synergistic action with contact fungicides	Efficacy on all strains of mildew Secondary efficacy on other fungal diseases
Favourable effect on resistance of mildew	Lighter impact of selection of resistant strains Maintenance of efficacy over time



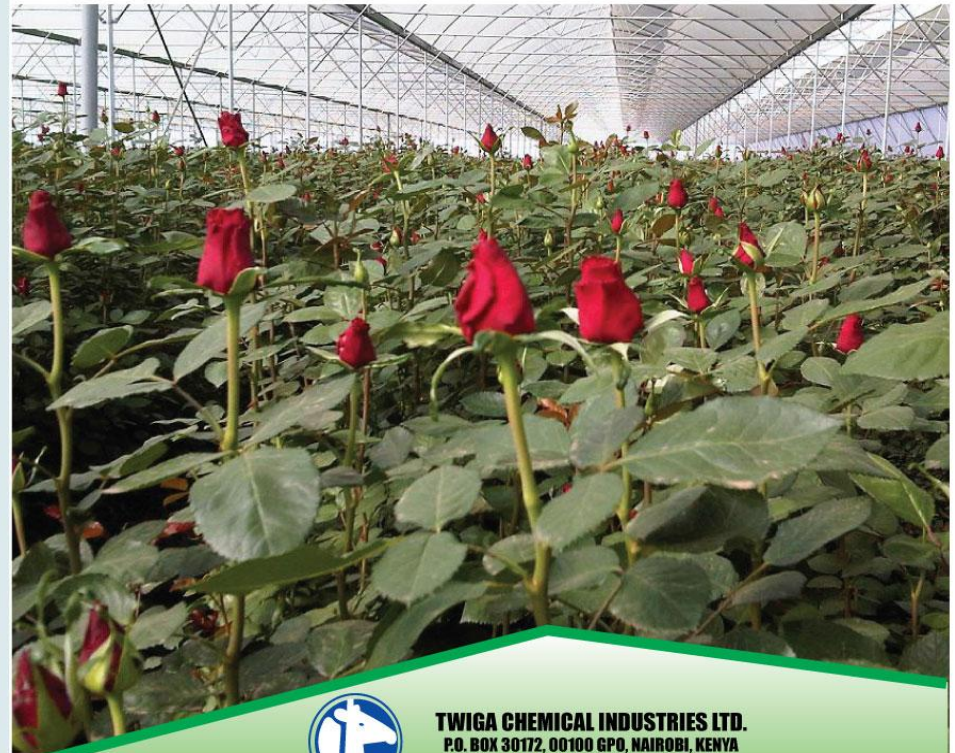
Always read the lable before use.

Fantic[®] M

4-65 WG

WATER DISPERSIBLE GRANULES

A broad spectrum fungicide for the control of early and late blight in tomatoes and Potatoes, and downy mildew & botrytis in onions and downy mildew in roses.



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DESCRIPTION

A broad spectrum fungicide with systemic and contact mode of action for the control of early and late blight in tomatoes and Potatoes, and downy mildew & botrytis in onions and downy mildew in roses.

Active ingredient : Benalaxyl 40g/kg + Mancozeb 650g/kg

Formulation : Water Dispersible Grannules (WG)

Registration No. : PCPB (CR) 1054

MODE OF ACTION

FANTIC M is systemic and is absorbed by various green organs of the plant (leaves, branches, bunches) and translocated throughout the plant including new growth areas. The systemic effect of **FANTIC M** is carried out in the following two ways:

- active ingredient translocation through the sap to the new shoots without, however, accumulating in their distal ends,
- Intracellular spreading that ensures a regular and uniform distribution within the organs to be protected (leaves and fruits).

Characteristics

Liposolubility: Ensures quick absorption into the cuticle, granting optimal rainfastness and providing a slow release of the active ingredient inside the plant tissues.

- The part on the outside sticks to the cuticle wax forming a reserve of active substance that will not wash away and that gradually enters inside the plant reaching its maximum concentration about 3 days after treatment.

Hydrosolubility:

Favours its transport through the water ways (sap and intercellular liquids) towards the distal parts, including newly formed shoots. The kinetics of the penetration, transport, and redistribution of Fantic M to all organs of the plant ensures optimal distribution, without the product accumulating at the distal ends.

Rain Fastness: After application /spraying

The results show that Fantic M application still provides a good protection if a rain event happens 4–6 hours after application. In case of heavy rains, the recommendation is to shorten the interval between the applications subject to the rain event and the subsequent one.



CROP RECOMMENDATIONS

Crop	Disease	Dosage		Interval	Timing
		Kg/ha	g/20L		
Tomatoes	<i>A. solani</i> (early blight) & <i>P. infestans</i> (late blight)	2.5	50	8-10	Start application when weather conditions favour disease development.
Potatoes	<i>A. solani</i> (early blight) & <i>P. infestans</i> (late blight)	2.5	50	8-10	Start application when weather conditions favour disease development.
Onion	<i>P. Destructor</i> (Downy mildew) & Botrytis	2.5	50	8-10	Start application at two leaf stage
Roses	<i>P. sparsa</i> (Downy mildew)	3.0	60	10-14	start at the beginning of spray season when the weather conditions favour disease development.

METHOD OF APPLICATIONS

1. Treat preventatively, as soon as high humidity or wet conditions are present, without waiting for the very early symptoms to appear.
2. Make 2-3 applications with **FANTIC M** at an interval of 7-10 days between applications.
3. Use the shorter application interval under conditions that are particularly favorable for the development of the disease
4. Continue the spray programme using products with different mode of action Interval between the last **Fantic M** treatment and the next application shall be critical considering the features of the product following **FANTIC M**.

At the season's start when vegetation is at an early stage of development, treatments with contact products allow to maintain a low level of disease pressure, while waiting for the most critical growth period of the crop. Applications of the systemic product should be used to protect the most critical phases: from the on-set of blooming to the start of fruit-set, thus ensuring healthy formation of the bunches.

AVAILABLE PACKS: 20kg, 1Kg, 500gm

