



HYDROCOP WG (Wettable Granules)



FEATURES	BENEFITS
Low dust Wettable Granule formulation	Easy-to-use & OH&S friendly
Small particle size	Leading to better coverage on the plant surface and greater availability of copper ions for superior protection against a range of diseases in various crops
NASAA Registration	Input for organic production. Cert. No. 6358M
Low loading of active copper when applied	Due to the efficient and effective release of copper hydroxide ions
Light blue in colour	Minimal discoloration when applied to plant

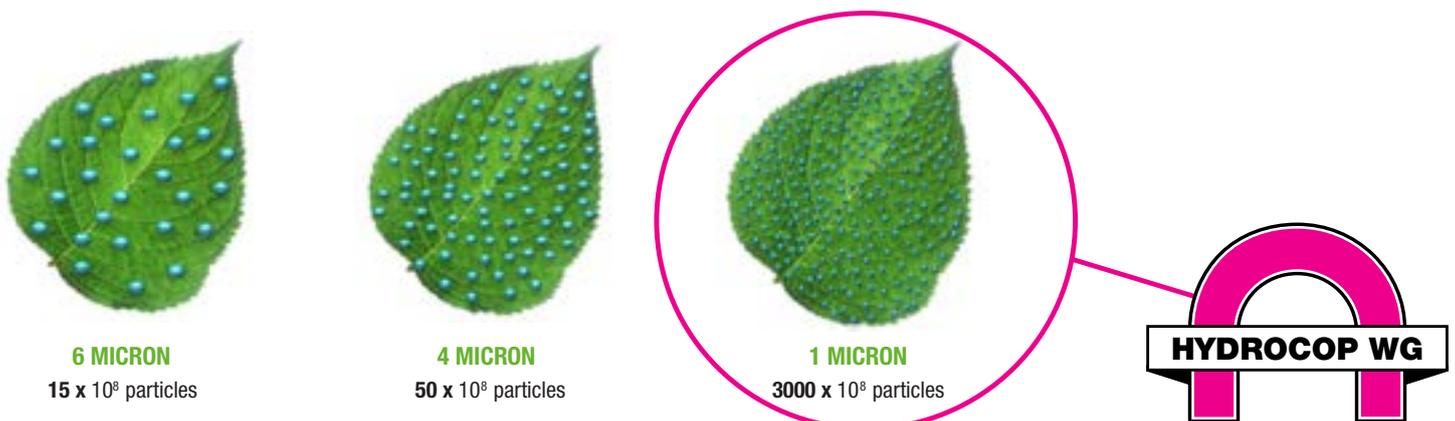
Active Constituent: 500g/kg Copper (Cu) present as cupric hydroxide
Formulation: Wettable Granules (WG)
Resistance Group: Group M1 Fungicide
Pack Size: 10kg Bag

FINE PARTICLE SIZE = EXCELLENT COVERAGE = SUPERIOR PROTECTION

Protectant Fungicides: How do they work?

When Protectant Fungicides are applied they form a protective barrier on the plant surface to inhibit spore germination of the targeted disease.

All protectant fungicides rely on excellent coverage and tenacity in order to optimise fungicidal value. Particle size (microns) is a key feature which determines coverage, ultimately determining effectiveness and fungicidal value. Hydrocop WG has a particle size of 1 to 2 microns and when applied provides excellent coverage and weatherability therefore optimum performance.



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USING THE RIGHT FORMULATION

1. Seasonal Conditions:

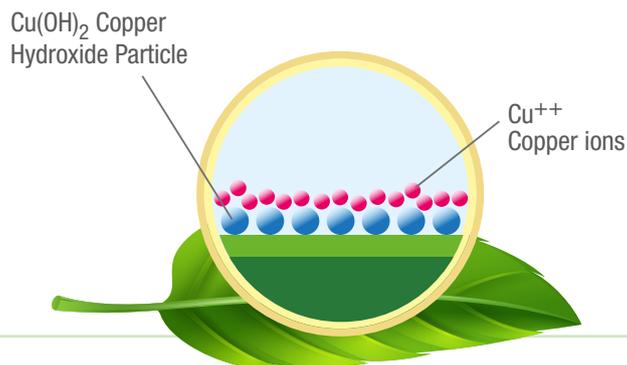
Hydrocop WG is less soluble than other formulations so suited to wetter regions. This includes areas that are subject to daily heavy dew, rain showers, mist, overhead irrigation etc. However, Hydrocop WG will perform in any conditions.

2. Growth Stage:

Plant tissue is most susceptible to infection when new growth occurs and/or when tissue is damaged. The presence of moisture and nutrients exposed is an ideal media for pathogen infection therefore it is critical that a protectant fungicide such as Hydrocop WG is applied to prevent infection.

Copper Ions are released in the presence of moisture.

Copper-II ion (Cu^{++}) is taken up by the spores during germination and accumulates until sufficiently high concentration is achieved to kill the spore cell. Copper particles need to be on the plant material surface before fungal spores begin to germinate.



TARGET DISEASES ON VARIOUS CROPS*

Disease \ Crop	Pomefruit	Stonefruit	Vines	Brassicas	Lettuce
Leaf Curl					
Shothole					
Black spot (scab)					
Downy mildew					

* Always refer to label before use.

HYDROCOP WG COMPATIBILITY

ACTIVE INGREDIENT	BRAND NAME	COMPATIBILITY
Dithianon	Dinon	
Mancozeb	Fortuna Globe	
Mancozeb + metalaxyl	Metman	
Myclobutanil	Myclonil, Stamina	
Sulphur	Nimbus	

NB: Mixtures with more than one product may not be compatible and should be checked in a jar test first.

Physical compatibility does not guarantee biological compatibility.

For more information, contact your local grochem representative

grochem.com for all enquiries 1800 777 068