

FORTUNA GLOBE 750WG®

PRODUCT RELEASE NOTE



We will shortly be adding Fortuna Globe 750WG to the Melpat Product Portfolio, and this letter serves to introduce the Product.

Why “...another Mancozeb...”?

In summary: an excellent formulation, which we believe will address some of the technical shortfalls we have with some of the existing brands.

This has certainly been the subject of an “on/off” internal debate as to whether we should introduce another Mancozeb onto an already crowded market.

Quality

Extensive trials were carried out some years ago which examined a range of both Protectant and Systemic Fungicides. The purpose being to quantify the persistence and the residual longevity of each of the fungicides tested. A good quality / branded Mancozeb was included in the trial and in summary the persistence was rated very poorly.

Copper products showed longer residual activity and higher rain fastness than Mancozeb, Pyraclostrobin, etc.

“Persistence of Mancozeb was not superior to Copper Products. Mancozeb deposits were diminished greatly by wet regimes. (Mancozeb not very effective for ABS* in Brazil).”

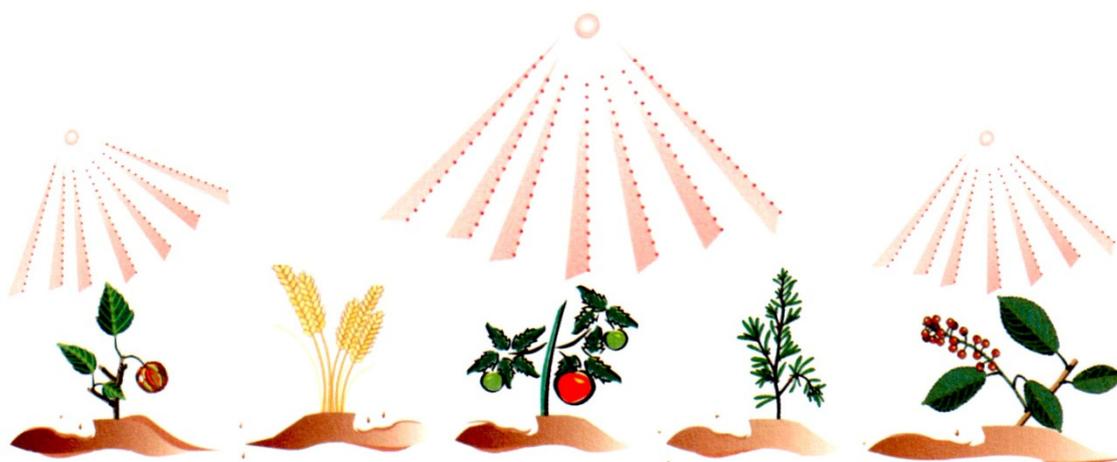
* Note: ABS is *Alternaria Black Spot* – is known as a particularly difficult disease to control in citrus and therefore an excellent pathogen for comparative trials.

References

- *Rain Fastness and Persistence of Fungicides for Control of Alternaria Brown Spot of Citrus* – by A. Vicent, et al
- *Influence of Formulations and Adjuvants on the Rain Fastness of Maneb and Mancozeb on Pea and Potato* – by Kud et al



20kg



Phone: (08) 9312 3200
Mobile: 0402 310 854

Facsimile: (08) 9312 3233
Email: melpat@melpat.com.au
Website: www.melpat.com.au

4/22 Parry Avenue
Bateman
Western Australia
6150

In summary:

Recognising the poor performance of Mancozeb, we elected to conduct an International search for high quality product, which ultimately resulted in the advent of Fortuna Globe 750 WG.

The only reason for poor performance (residual) would have been particle sizing.

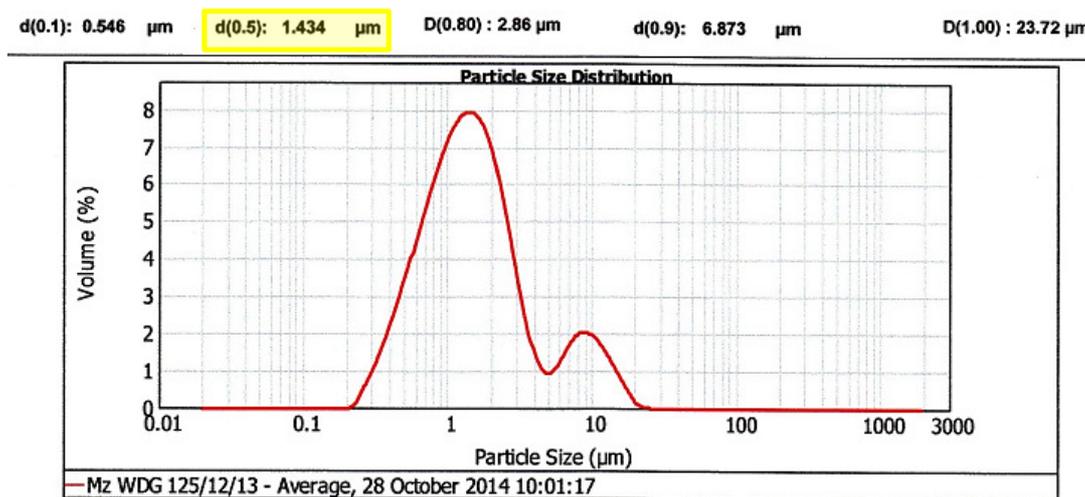
Note: Optimal Protectants should be at 1 – 2 micron

Selected brands of Mancozeb were tested and the results were as follows:

- Brand A: 3.1 micron
- Brand B: 5.1 micron
- Brand C: 15.0 micron

The key to optimising fungicidal activity is particle sizing and the case of Fortuna Globe 750 WG, the mean particle size is 1.43µ and this feature would as good as one would get.

Particle Size Analysis:



Note:

1. Of European Origin
2. Packaging: UN Approval Pending
3. Manufacturing Site:
 - a. Accreditation Standards
 - i. 9001 (2008)
 - ii. 14001 (2004)
 - iii. 18001 (2007)
 - b. Satisfies the EU requirement for waste water.

Availability:

We estimate at this stage to have stocks available ex Melbourne in October 2015.



Pricing and Payment Terms:

For discussion based on Forex at the time, and quantities.

We look forward to get your feedback in this regard.

Regards,



Hamish Turner
Director / Technical & Product Development

Email: hamisht@melpat.com.au
Mobile: 0420 855 500

