

1.6 – 0 – 0.9 Plus 10% Calcium and 8% Humic Acid

MetaGrow CFOOD feeds Chitin and Calcium to plants and beneficial microbes. It is a wettable powder fertilizer designed to promote growth of microbes, in the soil and canopy.

CFOOD is very high in Calcium and low in Magnesium so it is useful for balancing Ca/Mg ratios in soils and for getting Ca into the plant foliarly. In addition to the guaranteed nutrient content, **CFOOD** contains a complex of organic acids, surfactants, vitamins, enzymes and over 30 different minerals.

MetaGrow CFOOD is unique in that it feeds and stimulates the growth of beneficial microbes that are capable of consuming Chitin-based proteins. **CFOOD** is also unique as a Chitin-based wettable powder foliar product that goes through irrigation systems and sprayers. The extremely small particle size creates a very large surface area which promotes rapid consumption and metabolism of rapidly growing Chitin consuming microbial populations. The micro grind particle size can move through the soil water column.

By providing a complete food package – Chitin as well as all the nutrients, vitamins, enzymes and elements that are required as building blocks, **CFOOD** greatly stimulates Chitin consuming microbial activity. Other forms of Chitin present in the soil and plant canopy may also be consumed by the multiplying Chitin-hungry microbial community.

Applying **MetaGrow CFOOD** with **MetaGrow C** results in a temporary change in the metabolism in the soil or canopy, based on the chitin-based food chain. This metabolism change is like you changing your diet for a couple weeks. By temporarily taking the microbiology in this new metabolic direction, it creates the opportunity to restore and repopulate the soil or canopy biology. While this metabolism persists (peaks in about a week and persists for about a month), the chitinase capable microbes will be generating chitinase enzymes.

- Wettable powder - clears a 100 mesh (149 micron) filter
- Compatible with most sprayers and irrigation systems (check filter clearance compatibility before using)
- Compatible for tank-mixing with all fertilizer inputs (light agitation may be required)
- Suitable for organic crop production. CDFA-Organic listed

Application Guidance

MetaGrow CFOOD can be used in most irrigation systems, as a foliar spray, in transplant water, in pre-plant treatments, sprayed on a berm, or water run in furrow irrigation.

Apply 0.1 to 0.5 lbs per gallon of **MetaGrow C** inoculant as food for the microbes.

For remedial applications or for plant fertility objectives, apply 1 to 2 lbs of **CFOOD** per gallon of inoculant (4 to 10 lbs/acre when applying 2 to 5 gal/acre of **MetaGrow C**) and apply 4 times – 7 to 10 days apart.

When mixing with inoculants, apply within 4 hours. Or if more time is needed, provide tank aeration to prevent the microbe population from crashing.

For best results, use MetaGrow microbes and **MFOOD** or **CFOOD** with other components of a balanced, biological fertility program. Please refer to the product label ([metagrow-cfood-label.pdf](#)) for additional information and follow the advice of a qualified agronomist.