



Mixing and Applying Wettable Powder Microbe Food **MetaGrow™ MFOOD** and **MetaGrow™ CFOOD**

MIXING

1. Use a dust mask and goggles as these products are very dusty. Use a funnel with large openings to minimize dust. The smaller aperture at the bottom of the funnel allows less dust to come back up.
2. Mix in the following order: water, fertilizers, chemicals, and then **MetaGrow™ MFOOD** or **CFOOD**, and then the MetaGrow microbial products. The wettable powders should be slowly poured into the tank ensuring that there are no clumps floating on the surface. If clumping occurs, stir them with a paddle. Prior to large scale mixing and field application of **MFOOD** or **CFOOD**, you should “jar test” to ensure that the materials mix well and do not fall out of suspension.
3. Additional water should be added to the tank with minimal splashing to minimize foaming. When mixing with MetaGrow microbial products, the microbes should be added last. If foaming is a problem, add 1/4 to 1 cup of vegetable oil (depending on tank size). Avoid use of commercial defoamers as they may kill microbes.
4. **MetaGrow™ MFOOD** stays in suspension well, but some mild agitation may be required. **CFOOD** is best actively or intermittently mixed or agitated during application.
5. **MetaGrow™ MFOOD** and **CFOOD** pass 100 mesh filters. The application equipment (e.g. irrigation system or sprayer) filter compatibility should be evaluated prior to application to make sure the emitters or nozzles will not be plugged. **We do not recommend the use of MFOOD or CFOOD in buried drip systems with 150 mesh or finer filter requirements as there could be a risk of plugging.**

STORAGE

Store **MetaGrow™ MFOOD** or **CFOOD** in a cool, dry, and locked storage. Keep any opened bags closed and protect the contents from getting wet as the wettable powder may clump when exposed to moisture or high humidity.

HANDLING

Avoid breathing dust or mist. Wash hands thoroughly after using this product. Avoid eye contact and prolonged skin contact. Avoid contact with open wounds. See Material Safety Data Sheets.