

Protocols for Superzyme

Superzyme contains living organisms *Trichoderma koningii* and *Trichoderma harzianum*, *Pseudomonas putida* and *Bacillus subtilis*

- 1/ Superzyme may be used as a foliar or soil inoculant general application rate 1 kg / Ha
- 2/ Superzyme must be activated by soaking in luke warm water for 3-4 Hours prior to foliar spraying this may also be done for soil application but not absolutely necessary
- 3/ Please use clean water, certain levels of town chlorinated water may be harmful to organisms
- 4/ Superzyme may be applied under rain / drizzle conditions as a foliar or to the soil (Superzyme cannot be over diluted in water, the more water the better), and the best way to get Superzyme into soil profile or to encourage the organism to flourish is to apply under warm rain conditions
- 5/ please apply Superzyme alone as it is living organisms. Fertilizers etc may be applied if required the same day but avoid applying together.
- 6/ Superzyme has fungicide resistance, fungicides may be applied if necessary after 7-10 day interval, before or after Superzyme application
Metalaxyl based products are the exception and always should be avoided when using Superzyme. Please enquire for further information.
- 7/ Superzyme have UV resistance from the sun however drying of the organism by hot wind and sun is not beneficial.
Foliar applications should be applied in late afternoon to ensure that the organisms may become established on over night dew. If the day is wet / drizzly then this is perfect conditions for foliar application but please make sure that it will not be just a quick shower followed by hot drying sun and wind.
- 8/ Superzyme may be applied in any fashion feasible – it is a wettable powder and may be used as a paste, a seed coating, root dipping, soil application via fertigation, hydroponics, boom spray, sprinklers, Foliar spraying etc.
- 9/ Superzyme is not temperature sensitive it can be applied at temperatures as low as 4 degree Celsius however Superzyme should never be applied in extreme heat exceeding 35-40 degrees
- 10/ Tank cleaning procedures are necessary please follow instructions on Information sheet carefully by cleaning any spray equipment free from harsh farm chemical residues (especially fungicides) by dissolving 1-2 kg of urea (or Bicarbonate of soda) per 200 L tank. Fill tank and spray hoses and let sit overnight along with filters. Next day empty tank and rinse before using Superzyme
- 11/ Superzyme does not require to be refrigerated, normal cool shelf conditions, away from chemicals is OK
- 12/ Continuously Agitate or stir Superzyme and water whilst injecting / spraying for even spore dispersal
- 13/ Superzyme may be mixed with Humax (Humic acid) Mobilizer or fish emulsion (5 -20 mls ONLY of fish) to increase speed of proliferation of the organism especially when used as a foliar spray
- 14/ Please call Roots Shoots & Fruits if you have any questions - 09-3729155