



Plant Health Care Inc.

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Technical Bulletin

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2-PART PACKAGING OF PHC INJECTABLE

New Packaging Supports Longevity of VAM Fungi Spores

PHC Injectable is packaged as a 2-part product. The purpose is to increase the longevity of the VAM fungi spores during storage. Plant Health Care Inc.'s ongoing R&D has revealed that the spores of VAM fungi will remain viable longer when held in dry storage with some materials compared to others. Therefore, the new packaging has been designed to take advantage of this phenomenon. The VAM spores are mixed with selected bulk materials and packaged separately from the other ingredients, including the bacteria, ensuring that the spores are stored only with materials that will support their extended life.

Both Parts are Mixed Together in the Tank

When ready for use, both packets are added to the same tank of water in either order. If other ingredients are being used, like pesticides or fertilizers, these should be diluted in the tank first to protect the biological components of the Injectable formulation from exposure to harsh undiluted substances. Then the PHC Injectable packets should be added last.

Injection Procedure Remains the Same

The injection procedure has not changed. Once mixed, the product is used following the same established procedure for standard root feeding by soil injection. Inject at a pressure of 150 to 200 psi or less (but not more). Match the injection volume to the tank dilution, so that you get 200 injections from each pair of packets. So if a pair of packets is mixed into 100 gallons (400-liters) of water, inject 2-quarts (2-liters) per hole. If the pair of packets is mixed into 50 gallons (200-liters) of water, inject 1-quart (1-liter) per hole. Standard spacing of injections is still 2.5-feet (75 cm). Using these parameters, a pair of packets will treat 1250 square feet (112 square meters).