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Innovation for a Greener Earth

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PHOSGARD® COPPER

The benefits of phosphite (PO_3) fertilization have been well documented and observed for more than two decades. Phosphite fertilizers, derived from phosphorous acid and not to be confused with the traditional phosphate (H_3PO_4) fertilizer, have grown very popular and are now part of many standard nutrition programs. Phosphite-based fertilizers have several advantages over phosphate-based one. Phosphites are not tied up in the soil as phosphates are. The phosphite ions are able to remain in the soil solution and are easily taken up by plant roots. Phosphites are slowly converted inside the plant and in the soil to phosphates, making phosphites act as a slow release phosphorus source. Phosphites can have a positive effect on plant vigor and growth. Phosphites also stimulate root development which can lead to more productive top growth.



Benefits of Using Phosgard Copper

- Boosts vigor and growth
- Crop maturation
- Stimulate root development and metabolism
- Promotes flowering and fruiting
- Important in seed formation and production
- Essential for proper enzyme activity
- Helps in photosynthesis and chlorophyll formation

PHOSGARD COPPER is a liquid fertilizer that contains nitrogen, phosphorous acid, and copper designed for soil and/or foliar application to crops. Along with the benefits of phosphite fertilization, **PHOSGARD COPPER** also provides additional benefits by supplying essential nitrogen nutrients and copper micronutrients. Plants need copper, but only in small amounts. Copper is important for respiration, seed formation and production, lignin formation, chlorophyll formation, and proper enzyme activity.

PHOSGARD COPPER can be applied as broadcast or banding. It can also be applied through various irrigation systems such as wheel roll, sprinkler, tape, or drip system.

For labels and SDS, visit our website at jhbiotech.com or call us at 805.650.8933

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