

SOIL APPLICATION - VEGETABLE CROPS - POTATOES, ROOT, BULB OR TUBER CROPS

General Information

GENERAL INFORMATION

Soil Phosphite is formulated to correct Phosphate deficiency in a wide range of vegetable crops, ornamentals, bedding plants and nursery crops. Applications of Soil Phosphite can be beneficial to plant growth, including root development, flowering and transplant establishment. This product and other phosphorous acid products are intended to be used as a supplement to a well-balanced fertilizer treatment program.

This product may be applied using a variety of agricultural application equipment and techniques. It is not intended to be a substitute for sound soil fertilization and conventional cultural practices.

As a soil application to annual crops, a lesser response from the initial crop, with a corresponding superior response from succeeding crops, may be observed. In addition, placement close to seeds or root zones may be injurious to crops. The effect may be aggravated by a soil pH below 6.5. For additional information on product or programs or if you are unfamiliar with any of the application methods, contact your local Helena representative or authorized Helena dealer.

It is not recommended to use additional surfactants and/or adjuvants with this product.

DIRECTIONS FOR USE

Precaution: Soil Phosphite is a highly-concentrated material. Exercise precautions to prevent potential root or seed damage from improper placement, or plant media Ph changes, irrigation system or injector system damage. If applying Soil Phosphite on its own or in combination with other materials, a compatibility test is recommended to avoid potential incompatibilities. Prior to the addition of Soil Phosphite, the user or application advisor must have experience with the combination or must have conducted a phytotoxicity trial. Do not mix this product with carbonates or

bicarbonates. Do not mix with fixed-copper or copper-based fungicides if the pH of the solution is below 6 pH. Use sufficient water to ensure thorough coverage.

It is not recommended to use additional surfactants and/or adjuvants with this product.

Limitations, Restrictions, and Exceptions

Potatoes, Root, Bulb or Tuber Crops: First application post 100% emergence, subsequent applications at 10 to 14 day intervals as required. Soil Phosphite should be trickled down a tube along the back edge of a cultivator tine (sidedress) or a directed spray. A 2 inch separation must be maintained between the area of soil treated with Soil Phosphite and the seed or seedling root.

Method

[Soil incorporation](#)

Rates

[field_rates 0](#)

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Timings

[post 100% emergence](#)