

TREE AND VINE CROPS

General Information

GENERAL INFORMATION

NUE Manganese 5% is manufactured specifically as a liquid foliar run fertilizer to be used to help prevent and correct manganese deficiencies that may limit crop growth and yields. NUE Manganese 5% is a supplement to an adequate and balanced soil fertility program. NUE Manganese 5% is a mixture of non-sulfate sources of manganese, allowing for blending with calcium products, specifically NUE Cal-8.

It is important to monitor crop needs and responses by maintaining an adequate tissue-testing program. When unfamiliar with the effects of foliar applications of minerals it is recommended to perform small-scale field trials.

Dilution and Spray Volumes - Always use enough water for uniform application and to prevent possible plant tissue damage to the intended crop from concentrated droplets. It is recommended to use a dilution of at least 20 parts of water to 1 part of NUE Manganese 5%.

SUGGESTED APPLICATIONS

Optimum rate of application will vary between fields depending on soil and/or climatic conditions, stage of crop growth and size of plants.

Application rates are best determined by soil and plant analysis recommendations.

NUE Manganese 5% can be used on many crops where foliar manganese applications are commonly used. Consult your Bio-Gro dealer for specific recommendations.

TIMING - Application timing is likely the most important factor in determining the response and value of foliarly applied nutrients. Understanding the basic physiological functions of a crop is essential in planning proper nutrient timing.

Limitations, Restrictions, and Exceptions

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Applications during veraison should be limited to 16 ounces /acre and used with appropriate adjuvant unless experience dictates otherwise. Three applications may be made in 10 to 21 day intervals.

Method

[Foliar spray](#)

Rates

[field rates 0](#)

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Timings

[During growing season.](#)