

SOIL APPLICATION

General Information

GENERAL INFORMATION

Foli-Gro Formula 531 is designed primarily for foliar applications to prevent or correct sulfur, iron, manganese, and zinc deficiencies in a wide range of agronomic and ornamental plants. Its use is suggested as a supplement to a regular, balanced fertilizer program to enhance yields and improve quality.

Application of Foli-Gro Formula 531 is a means of obtaining a quick response to needed elements. Foliar applications of Foli-Gro Formula 531 may be particularly beneficial during periods of peak nutrient demand, for crops grown on soils having poor nutrient availability or to crops suffering from a weakened root system.

Foli-Gro Formula 531 should be used as part of a comprehensive Total Nutrition System for optimizing plant growth, development, yield and quality.

DIRECTIONS FOR USE

Foli-Gro Formula 531 may be applied as a foliar spray by air, ground concentrate or dilute. Maintain agitation to provide uniform distribution within spray tank. Use of a high quality CPDA approved spreader, such as R-11, at recommended rates to improve spray cover is usually advised. Do not apply when plants are under excessive heat or moisture stress. Applications of foliar nutrients to leafy vegetables or soft-skinned fruits during periods of excessive temperatures may cause cosmetic injury. Applications of certain micronutrients to fleshy fruits within 30 days of harvest may result in staining of rind or skin.

DIRECTIONS FOR GENERAL USE AS A FOLIAR SPRAY: DILUTE WITH WATER FOR THE CORRECTION OF CERTAIN MICRONUTRIENT DEFICIENCIES.

When applying foliar sprays containing metal complexes to plants, it is suggested that several concentrations be applied on different branches with a hand sprayer. Observe the results after 2 to 3 days and select the highest safe concentration. Where insecticide sprays are being used, it is generally expedient to combine the insecticide and the Formula 531 spray.

The time of day, humidity and growing conditions of the plants are important in foliar applications. Generally a growing situation stimulated either by watering, addition of nitrogen, or both just prior to spraying should exist. In the early morning photosynthesis is at a low ebb and stomata are open and easily penetrated. Humidity is highest in early morning especially if the field has been recently watered. This keeps Formula 531 from drying out before penetration has been achieved. Formula 531 contains a small quantity of wetting agent making it generally necessary to add additional materials of this kind. R-11 at 1 pint per 100 gallons or SYL-TAC® at 4 ounces per 100 gallons are suggested.

Limitations, Restrictions, and Exceptions

SOIL APPLICATION:

Apply in preplant or side-dress fertilizer or both.

Method

[Soil application](#)

Rates

[field rates 0](#)

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Timings

[Preplant](#)