

Technical Bulletin

Gainer Micro

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Introduction

Gainer Micro is a foliar fertilizer containing boron, copper, iron, manganese, molybdenum, and zinc micronutrients which are in sulfate forms to provide sulfur. Gainer Micro, when used to supplement a regular fertilizer program, can enhance yield and quality

Crops Labeled

Berries: blackberry, blueberry, cranberry, raspberry, strawberry

Nut Crops: almond, pistachio, walnut and others

Tree and Fruit Crops: apple, grape, cherry, citrus, stone fruits, cucurbits, avocado

Vegetables: beets, broccoli, cabbage, carrot, cauliflower, garlic, onions, peppers, peas, potato (inc. sweet), spinach, lettuce, tomato and others.

Use Rates and Timing

Gainer Micro is most often recommended at 3 to 10 pounds per acre for row crops. Gainer Micro is recommended for use early in the growing season. When applying Gainer Micro to brassica crops or other plants with a waxy leaf surface, a wetting agent may be included to ensure good leaf coverage.

For commercial greenhouse growers with continuous liquid feed, use 0.1 to 0.3 ounces of Gainer Micro per 100 gallons of water. For one time applications, use 2 to 8 ounces of Gainer Micro per 100 gallons of water.

For spot applications, use ½ teaspoon of Gainer Micro in 5 gallons of water.



Precautions

Gainer Micro should be mixed with water prior to application and may be used in conjunction with pesticide sprays except dormant oil, lime sulfur, and highly alkaline spray materials.

Gainer Micro can be used in crop protection sprays with a minimum volume of 10 gallons of spray per acre by ground and 5 gallons of spray per acre by air. However, the concentration of Gainer Micro should not exceed 10 pounds in 100 gallons of water.

Avoid spraying during full bloom. When spraying blossoms, use lower rates.

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For apples, do not spray from bloom to 14 days past petal fall.

Do not store under excessively hot or cold temperatures for long periods. It may be corrosive to mild steel and brass.

CAUTION: Crops high in molybdenum may be toxic to grazing animals (ruminants). Plants containing excess amounts of boron may be toxic to livestock.

Contents

Guarenteed Analysis

Sulfur (S) (combined)	13.00%
Boron (B)	1.35%
Copper (Cu).....	2.30%
2.3% water soluble copper	
Iron (Fe)	7.50%
7.5% water soluble iron	
Manganese (Mn).....	8.00%
8.0% water soluble manganese	
Molybdenum (Mo).....	0.04%
Zinc (Zn).....	4.50%
4.5% water soluble zinc	
Arsenic (As)	<0.003%
Cadmium (Cd)	<0.002%
Iron (Fe)	<0.005%
Lead (Pb)	<0.001%

Derived from sodium borate, copper sulfate, ferrous sulfate, manganese sulfate, sodium molybdate, and zinc sulfate.

Technical Specifications

Product class	fertilizer
Appearance	white to light yellow, odorless crystals
pH 1.0% solution	2 to 3
E.C. mmhos/cm	0.1498 at 2 oz/100 gal
Water Solubility % min:	99.95%
Sieve Test 98% min	
	-14 (1.41 mm) + 100 (0.18 mm)

Packaging	25 lb poly bags (80 bags per pallet)
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This bulletin provides some technical information and is not intended to give complete information for all applications. Always read and follow label directions.

Gainer Micro is manufactured by RSA MicroTech LLC.

