

GENERAL INFORMATION

Gainer Micro is a foliar fertilizer containing boron, copper, iron, manganese, molybdenum, and zinc micronutrients which are in sulfate form to provide sulfur. Gainer 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. When applying **Gainer** to brassica crops or other plants with a waxy leaf surface, a wetting agent may be included to ensure good leaf coverage. The rates given under **DIRECTIONS FOR USE** should be adjusted according to the crop stage of development, the number of applications intended, and the soil and weather conditions.

For commercial greenhouse growers with continuous liquid feed use .1 to .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 continuous feeding see page 2 of the label for more details.

Higher rates are recommended when the leaf area is small, if only a single application is intended or when soil and weather conditions are unfavorable for crop growth. For best results, application should begin as soon as the leaves are large enough to absorb and utilize the nutrients and should continue at 10-14 day intervals during the primary growth period.

Gainer 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** should not exceed 10 pounds in 100 gallons of water. Avoid spraying during full bloom. When spraying blossoms, use lower rates. Do not store under excessively hot or cold temperatures for long periods. May be corrosive to mild steel and brass.

PROLIFIC supplements soil fertilization by supplying essential nutrients when plant food needs are highest (at flowering and/or fruiting stages or in stress condition). It is recommended as a supplement to a conventional fertility program, potentially enhancing yield and/or quality.

DIRECTIONS FOR USE

CROPS	LBS/ACRE	REMARKS*
Alfalfa	5	On alfalfa grown for seed, 3-4 applications are recommended. On alfalfa grown for hay, apply after each cutting when leaves are formed.
Apples, peaches, pears, and other fruit and nut crops.	5-10	Apply with pre- and post-bloom sprays. Do not spray apples from bloom to 14 days past petal fall.
Blackberries, boysenberries, raspberries and other small fruit crops	5-10	2-3 applications before bloom (flowering); 1 application after fruit set.
Brussels sprouts, cabbage, cauliflower and other brassica crops.	5	Apply at 7-10 day intervals using minimum 4 applications. A wetting agent may be added to ensure good coverage. Do not apply more than 1 lb. to Chinese cabbage.
Celery, lettuce, endive and other salad crops	5	Apply at 7-10 day intervals throughout the main growing season as soon as the 3 rd and 4 th leaves unfold.
Wheat, barley and rye	5-10	Begin after crop comes out of dormancy and continue at 2-3 week intervals.



Micronutrients to Supplement a Sound Fertility Program

GUARANTEED 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	

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

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

Information regarding the contents and levels of metals in this product is available on the internet at: <http://www.regulatory-info-rsa.com>

KEEP OUT OF REACH OF CHILDREN

CAUTION

Harmful if swallowed. Avoid breathing dust/spray mist. May cause irritation of eyes, nose, throat, or skin. Avoid contact with eyes, skin, or clothing. In case of contact with eyes, flush with copious amounts of water. Consult physician if irritation persists.

Manufactured By:
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Net Weight: 25 lbs. (11.3 kg)

CROPS	LBS/ACRE	REMARKS*
Citrus	5-10	Apply at 7-10 day intervals. Use the higher rate for full bearing trees.
Corn	5	Begin when corn is approximately 8 inches high. Continue at 1-2 week intervals.
Beans, peas and other vegetables	5	Begin applications after second leaf unfolds up to bloom, at 1-2 week intervals; 1-2 applications after pod formation.
Cotton	5	Begin after formation of the second leaf for a total of 4-8 applications depending on growing conditions.
Cucumbers, melons, squash and other vine crops	5	Begin as soon as the second true leaf unfolds for a total of 6 applications.
Grapes	5-10	Apply with routine crop protection spray.
Hops	5-10	Apply 2 treatments 14 days apart when vines have grown halfway to the wires.
Peanuts	5-10	Apply in routine crop protection sprays.
Rice	5-10	Begin 3 weeks after emergence and continue at 7-14 day intervals.
Soybeans	5-10	Begin applications after second leaf unfolds up to bloom, at 1-2 week intervals; 1-2 applications after pod formation.
Sugar beets	5-10	Apply just after the fourth leaf unfolds for a total of 3 applications 2 weeks apart.
Strawberries	5	Begin applications as soon as growth starts in spring. Apply 1 to 2 applications to bloom. Continue after harvest in 2-3 weeks.
Tobacco		
- in beds	5	Foliar spray as growing conditions warrant.
- transplanting	5	Add to transplant water (per 100 gallons).
- after transplanting	5	Foliar spray as growing conditions warrant.
Potatoes, tomatoes, eggplant and other solanaceous plants	5	In routine crop protection sprays at 7-10 day intervals.
Lawn and turf	5	Apply as growth begins in the spring in not less than 100 gallons of water per 5000 sq ft as needed until dormancy. Foliar application is meant only to supplement, not replace soil applied fertilizer.

GAINER MICRO is generally compatible with pesticides and other fertilizers. Determine compatibility with a jar test before mixing products.

NOTICE: Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal condition of use. Seller makes no warranties of merchantability or fitness for a particular purpose or any other express or implied warranty except as stated above. Under no circumstances will such warranty extend to the use, storage or handling of this product contrary to the label instructions or under abnormal conditions or under conditions not reasonably foreseeable to seller. The buyer shall assume all such risks of such use, including but not limited to crop injury, ineffectiveness, damage to plants, damage caused by drift to other plants or crops, personal injury or other unintended consequences. These consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of the seller. In no case shall RSA MicroTech, LLC be liable for consequential, special or indirect damages resulting from the use or handling of this product.

One time corrective application, add 2 to 8 ounces of Gainer Micro per 100 gallons of water.

Element Levels in ppm								
Application Rate (oz/100gal)	Sulfur S	Boron B	Copper Cu	Iron Fe	Manganese Mn	Molybdenum Mo	Zinc Zn	E.C. mmhos/cm
2	19.48	2.02	3.45	11.24	11.99	0.06	6.74	0.15
4	38.96	4.05	6.89	22.48	23.97	0.12	13.49	0.30
6	58.43	6.07	10.34	33.71	35.96	0.18	20.22	0.45
8	77.89	8.09	13.78	44.94	47.93	0.24	26.96	0.60

For continuous liquid feeding with every water add 0.1 oz to 0.3 oz of Gainer Micro per 100 gallons of water.

Element Levels in ppm for CLF							
Application Rate (oz/100gal)	Sulfur S	Boron B	Copper Cu	Iron Fe	Manganese Mn	Molybdenum Mo	Zinc Zn
0.1	0.97	0.10	0.17	0.56	0.60	0.003	0.34
0.2	1.95	0.20	0.34	1.12	1.20	0.006	0.67
0.3	2.92	0.30	0.52	1.69	1.80	0.009	1.01