



ZINC CHELATE 8%

A 100% CHELATED ZINC SOLUTION

- **Builds Growth Regulators**
- **Activates Enzymes in Protein Synthesis & Grain Formation**

GUARANTEED ANALYSIS:

Sulfur (S) 2.5%
 Zinc (Zn) 8%
 8% Chelated Zinc

Each gallon contains 0.9 lbs. of Zinc
Derived From: Zinc Sulfate, Chelating agent: Glucoheptonate.
 Weight per Gal. (Liter).....11.3 lbs. (1.35 kg.)
 pH 6.5

PRODUCT DESCRIPTION:

G.P. Solutions Zinc Chelate 8% is a 100% chelated zinc that maintains the zinc in a soluble form for immediate uptake by plants, trees or crops either through foliar spray or root application. Zinc Chelate will correct deficiencies on many row crops, vegetables, and ornamental plants, growing in soils with very low organic matter, and in soils of varying pH ranges. Crops with high zinc requirements include corn, onions and spinach. Those with medium zinc requirements are barley, beans, beet, canola, cucumber, lettuce, lupine, potato, radish soybean, tobacco and tomato.

DEFICIENCY SYMPTOMS:

Severe stunting with chlorosis and striping in grasses. Rosette, white bud, or other terminal maladies. Small narrow chlorotic leaves with veins usually green with shortened internodes on all plants. Zinc deficiencies are widespread in citrus (causing rosette or frenching) and mangos. Mango trees grown in calcareous soils should receive annual nutritional sprays of zinc.

SOIL APPLICATIONS:

Zinc Chelate is recommended for use on all types of soils. Because this is a concentrated solution, it should be diluted with water before using to ensure uniform coverage. Soil applications can be made by drip, sprinkler or furrow irrigation systems or in band or broadcast. For trees or individual plants, the Zinc chelate may be diluted (as above) and sprinkled directly on the soil under the plant's drip line and watered in.

Mixing Instructions: Always add water to the tank first. Follow with

- **Necessary for Starch Formation**
- **Essential for Seed Formation & Maturity**



micronutrients and other chemicals in proper order. Be sure to agitate between each addition: 1. wettable powders, 2. flowables, 3. water solubles, 4. surfactant, 5. emulsifiable concentrates. Be sure to conduct a jar test to determine the mixing characteristics of the different materials.

Foliar Crop Application Recommendations		
Crop	Foliar Rate per Acre (per Ha)	Notes
Legumes, Leafy Vegetables, Tomatoes, Peppers, Celery, Herbs and Spices	1 - 2 quarts (2 - 5 Liters)	Apply between 2 nd and 4 th trifoliolate stage. Reapply every 14 - 28 days. Do not apply during bloom.
Citrus Crop Avocados	1 - 3 quarts (2 - 7 Liters)	Apply on new major growth and on successive growth flushes. Do not apply during bloom.
Mangos	1 - 2 quarts (2 - 5 Liters)	Spray monthly until harvest. Do not apply during bloom.
Bananas	1 - 3 quarts (2 - 7 Liters)	Apply at 2 - 3 week intervals. 20 - 30 applications per year.
Melons, Cucumbers, Squash and other Cucurbit Crops	1 - 2 quarts (2 - 5 Liters)	First application between 2 nd and 4 th trifoliolate stage or as needed until 2 weeks before harvest.
	1 quart. (2 Liters)	Reapply every 14 - 28 days until 2 weeks before harvest.
Pome & Stone Fruit, Papaya Nut Trees, Soft Fruit, Berries, Grapes	1 - 3 quarts (2 - 7 Liters)	Apply after tree has leafed out. Repeat at petal fall and at 2 week intervals.
Field Crops, Small Grain and Forage Crops	1 - 2 quarts (2 - 5 Liters)	Apply 30 days after planting and before flowering. Repeat every 21 days until 2 weeks before harvest.



WARNING

H302 Harmful if Swallowed
 H320 Causes Eye Irritation

Condition of Sale and Warranty: Growth Products, Ltd. warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. Handling, storage and use of the product by Buyer or User are beyond the control of Growth Products, Ltd. and Seller. Risks such as crop injury or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pests, drift to other crops or property, or failure to follow label directions will be assumed by Buyer or User. IN NO CASE WILL GROWTH PRODUCTS, LTD. OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

Manufactured By:



Soil Application Recommendations		
Crop	Soil Application Rate	Notes
Field Crops including Corn, Sorghum, Beans, and Cotton	1 - 5 qt. per acre (2 - 11 L per Ha)	Apply by side dressing at time of planting with starter fertilizer.
Trees including Apples, Avocados, Citrus, Nut and Stone Fruits	0.5 - 2 qt per tree (1 - 5 L per tree)	Apply per tree under the spread of limbs (drip line).
Grapes	1 - 5 qt. per acre (2 - 11 L per Ha)	Apply by side dressing.