Zinc Chelate 8%
A 100% Chelated Zinc Solution

- ***Builds Growth Regulators***
- ***Activates Enzymes in Protein Synthesis and Grain Formation***
- ***Necessary for Starch Formation***
- ***Essential for Seed Formation and Maturity***

Guaranteed Analysis:

Zinc (Zn) 8%
8% Chelated Zinc
Sulfur (S) 2.5%
Sources: Zinc Sulfate, Chelating agent: Glucoheptonate
Weight per Gal. (Liter) . . . . . 11.3 lb (1.35 Kg)

Product Description:

Growth Products Zinc Chelate 8% is a 100% zinc chelate 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 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 Hectare)	Notes
Legumes, Leafy Vegetables, Tomatoes, Peppers, Celery, Herbs and Spices	1 - 2 qt (2.5 - 5 Liters)	Apply between 2nd and 4th trifoliate stage. Reapply every 14-28 days. Do not apply during bloom.
Citrus Crop Avocados	1 - 2 Qt. (2.5 - 5 Liters)	Apply on new major growth and on successive growth flushes. Do not apply during bloom.
Mangos	1 - 2 qt. (3 - 5 Liters)	Spray monthly until harvest. Do not apply during bloom.
Bananas	1 - 3 Qt. (2 - 7 Liters)	Apply at 2 - 3 week intervals. 20-30 applications per year.
Melons, Cucumbers, Squash and other Cucurbit Crops	1 - 2 Qt. (2.5 - 5 Liters)	First application between 2nd and 4th trifoliate stage or as needed until 2 weeks before harvest.
	1 Qt. (2.5 Liters)	Reapply every 14-28 days until 2 weeks before harvest.
Pome & Stone Fruit inc. Papaya Nut Trees, Soft Fruit, Berries, Grapes	1 - 3 Qt. (2.5 - 7 Liters)	Apply after tree has leafed out. Repeat at petal fall and at 2 week intervals.
Field Crops, Small Grain including Rice	1 - 2 Qt. (2.5 - 5 Liters)	Apply 30 days after planting and before flowering. Repeat every 21 days until 2 weeks before harvest.

Soil Application Recommendations

Crop	Soil Application Rate	Notes
Field Crops including Corn, Sorghum, Beans, and Cotton	1 - 5 qt./ acre (5 - 20 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 (2 - 6 L per tree)	Apply per tree under the spread of limbs (drip line).
Grapes	1 - 5 qt. / acre (2 - 10 L / Ha)	Apply by side dressing.

Manufactured By:

G.P. Solutions™