



**NITROGEN-SULFUR-ZINC  
PLANT NUTRIENT SOLUTION  
SPECIFICATIONS AND PROPERTIES**

**NUTRIENT CONTENT, % BY WEIGHT**

Nitrogen (ammoniacal)	8.0%
Sulfur (combined)	4.5%
Zinc (Zn)	10.0%

**PHYSICAL PROPERTIES (Typical)**

Specific Gravity	1.229
Salt out temperature	-22°C (10°F)
pH	10.5

**FORMULATION AND HANDLING  
FACTORS AT 68°F**

Pounds Product Per Gallon	10.25
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Pounds Zinc Per Gallon	1.025
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Pounds Sulfur Per Gallon	0.45
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Pounds Nitrogen Per Gallon	0.82
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Gallon Per Ton	195.1
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Gallons Equivalent to One Pound of Zinc	0.98
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Gallons Equivalent to One Pound of Sulfur	2.22
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Gallons Equivalent to One Pound of Nitrogen	1.22
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**NITROGEN  
SULFUR  
ZINC**

**Our  
Solution  
For  
Positive  
Results**



## ZINC REQUIREMENTS

Zinc is an essential element in plant nutrition. It is needed in protein metabolism and forms a part of the enzyme system which regulates plant growth. Zinc is ranked high on the list of plant foods as one of the most limiting factors in crop production. A Zinc deficiency manifests itself in stunted plants, shortened internodes and generally slow growth. A zinc deficiency can occur in any soil.

## CROP RESPONSE

**RENU 10% Zinc** stimulates cell growth above and below the ground, promoting better utilization of other soil and fertilizer nutrients, thus, increasing yields and improving quality.

## RENU ZINC PROMOTES:

- Better root development
- More vigorous shoot growth
- Better flower formation and fruit set
- Improved disease and stress tolerance
- More uniform maturity
- More efficient utilization of soil and fertilizer nutrients

## APPLICATION INSTRUCTIONS

A number of variable influence the rate of application necessary to control or correct a deficiency. For best results, follow good agronomic practices, using soil tests and tissue analysis.

APPLY THE FOLLOWING RATES IF NO SOIL TEST, OR LEAF ANALYSIS IS AVAILABLE.		
	STARTER	
	BAND	BROADCAST
MAINTENANCE		
APPLICATION	1 qts/acre	1-1.5 qts/acre
MODERATE		
DEFICIENCY	1-2 qts/acre	2-3 qts/acre
SEVERE		
DEFICIENCY	2-4 qts/acre	4-6/qts/acre

## STORAGE INSTRUCTIONS

Material should be stored in cool, well ventilated tanks. A thin lay of petroleum oil or vegetable oil has been found to be helpful in maintaining the integrity of the product and reducing nitrogen loss.

Containers should be made of poly, fiberglass, mild or stainless steel. As with many fertilizers, avoid containers, pipes, or fittings made of bronze, brass, or other copper bearing alloys.

Product is resistant to temperatures below zero degrees (F) dependent on volume stored.

## GENERAL INFORMATION

**RENU 10% Zinc**, nitrogen-sulfur-zinc plant nutrient solution is formulated for use in liquid fertilizers including polyphosphates and nitrogen solutions. It is best to check compatibility with pesticides by test mixing in small quantities. When tank mixing, fill container to at least one-third capacity with liquid carrier before adding **RENU 10% Zinc**. Add the balance of tank ingredients including any additional chemicals with sufficient agitation to insure a uniform mix.

**MAKE YOUR PRODUCTION MORE EFFICIENT AND MORE PROFITABLE WITH**



**NITROGEN-SULFUR-ZINC  
PLANT NUTRIENT SOLUTION**



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