Coastal AgroBusiness, Inc.

Product Label

NutriSol 10% Zinc

Guaranteed Analysis:

Zinc (Zn) 10%

Sulfur (S) 4.9%

Derived from Zinc Sulfate

CAUTION

KEEP OUT OF REACH OF CHILDREN

Read the entire label for additional precautionary statements.

Weight per gallon: 10.7 lbs.

Manufactured By:
Coastal AgroBusiness, Inc.
Greenville, North Carolina

GENERAL INFORMATION

NutriSol 10% Zinc is a formulation designed for use in soil and foliar applications on crops requiring Zinc. **NutriSol 10%Zinc** is formulated for both soil or foliar applications. It may be applied in foliar applications to growing crops alone or with pesticides and may also be applied directly to soil alone or with pesticides or herbicides. **NutriSol 10% Zinc** may be used in drip irrigation systems and is compatible with most water-dispersed pesticides. It may be applied by conventional, low-volume, or air application and is recommended for all field, row, and vegetable crops.

Zinc is essential for plant growth because it controls the synthesis of indoleacetic acid, which dramatically regulates plant growth. Zinc is involved in many enzymatic reactions within the plant and is necessary for chlorophyll synthesis and carbohydrate formation, and metabolism. Zinc is also involved in the rate of protein synthesis.

NOTE: Avoid co-application with phosphate-containing fertilizer solutions. Because of the nature of this product and its ability to substantially reduce spray solution pH, it is recommended that this product not be used in low-volume (high-concentration) applications with fixed copper fungicides.

PRECAUTIONARY STATEMENTS / HAZARDS TO HUMANS

CAUTION: KEEP OUT OF REACH OF CHILDREN. Harmful if swallowed or inhaled. Can cause skin, mucous membrane, and eye irritation. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Remove and wash contaminated clothing before reuse. Do not apply this product in a manner as to directly or through drift expose workers or other persons. Always read and follow product labeling.

FIRST AID

If swallowed: Call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

If in eyes: Flush eyes with copious amounts of clean water for at least 15 minutes. Remove contacts if present, and easy to do. Do not let the victim rub their eye. Get medical attention.

If on skin: Remove contaminated clothing and wash skin with soap and water. If irritation develops, get medical attention.

If inhaled: Remove the person from the area of exposure. Give artificial respiration if necessary. If breathing is difficult, give oxygen if a qualified operator is available. Seek medical attention.

NOTE: If contact is made with a spray solution containing pesticides, follow the “First Aid” statements on the pesticide label.

STORAGE AND DISPOSAL

Do not store near heat or open flame. Store in original container only. Keep container closed when not in use. Keep from freezing. If damaged or leaking, soak up with absorbent material and place in a suitable container for disposal. Transfer remaining product to a suitable container for storage and label. Do not contaminate water, food, or feed by storage or disposal. Do not contaminate water by runoff from equipment wash waters or spray materials. Wastes resulting from this product may be disposed of on-site or at an approved waste disposal facility.

Container disposal: Triple rinse (or equivalent) and add rinsate to spray tank, then offer for recycling, or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

AGRICULTURAL USE REQUIREMENTS AND USER SAFETY RECOMMENDATIONS

When used in conjunction with pesticides, consult the pesticide manufacturer's label for worker protection recommendations. Use of waterproof gloves and protective eyewear is recommended when handling this product.

DIRECTIONS FOR USE

This product is compatible with most pesticides and fertilizers. However, a test for compatibility is recommended prior to large-scale mixing. Always add **NutriSol 10% Zinc** to water prior to the addition of pesticides and/or buffering agents. Do not apply in low-volume (high-concentration) tank mixes with fixed copper fungicides.

SOIL APPLICATION

NutriSol 10% Zinc can be soil-applied but should be incorporated. Crops with severe deficiencies may require supplemental soil applications of **NutriSol 10% Zinc** to maintain proper zinc concentrations in the soil. For best results when soil-applied, split applications should be utilized. Do not place in direct contact with seed or starter fertilizer. **NutriSol 10% Zinc** can be applied alone or in combination with agricultural chemicals and liquid fertilizers.

FOLIAR APPLICATIONS

NutriSol 10% Zinc can be foliarly applied. Apply up to 4 quarts per acre by ground or air in enough water to provide maximum coverage. A nonionic surfactant can be utilized to enhance coverage and translocation. For crops requiring multiple Zinc applications above 4 quarts per acre, allow 10 to 14 days between applications. For foliar applications, **NutriSol 10% Zinc** can be applied alone or in tank mixes with agricultural chemicals and fertilizers. The use of tissue tests is highly recommended to monitor levels of Zinc in the crop. A general guide for zinc concentration in mature leaf tissue is as follows:

Deficient - less than 20 ppm.

Sufficient - 25 to 150 ppm.

Excessive - greater than 300 ppm.

Tissue tests will serve as an aid to establish and maintain correct levels of Zinc for optimum plant growth and will help in avoiding over-application.

RATE SELECTION CHART	
CONDITION (All Crops)	**RATE**
Maintenance	1 - 3 quarts/acre
Light Deficiency	2 - 6 quarts/acre
Severe Deficiency	2 - 3 gallons/acre

Conventional Spray Applications: Total amount of **NutriSol 10% Zinc** may be applied at one time. However, it is recommended that split applications be utilized. Split applications will improve the overall efficiency of uptake. Apply in enough water for good coverage. A nonionic surfactant may be used to enhance coverage.

Low Volume Applications: Apply up to 1 gallon of **NutriSol 10% Zinc** in a minimum of 10 gallons of water per acre per application. Repeat in 10 to 14 days if higher amounts of Zinc are required.

Aerial Applications: Apply 1 quart in 5 gallons of water per acre per application. A concentration of 1 quart per gallon of spray may be used. However, larger amount of water will improve coverage.

MIXING

With Agricultural Chemicals: Follow pesticide label for mixing instructions with liquid fertilizers. A compatibility test is recommended. Then:

- Water
- **NutriSol 10% Zinc**
- Agricultural Chemical(s)
- Agitate

With Fertilizers:

- 1/3 Liquid Fertilizer
- **NutriSol 10% Zinc**
- Balance of Fertilizer
- Agitate

Always mix well to ensure proper distribution during application

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 the directions contained on this label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use, storage or handling of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. These risks include, but are not limited to, damage to plants, crops, and animals to which the material is applied, failure to control pests, damage caused by drift to other plants or crops, and personal injury.