

Chelated Micronutrients

Ruffin-Redy™-ZN

CAUTION: Keep out of reach of children

GUARANTEED ANALYSIS

Zinc (Zn) 10.00%
 10% chelated Zinc
 Plant Nutrients derived from Zinc Chloride.
 Chelating Agents are EDTA and Citric Acid.

GENERAL INFORMATION

RUFFIN-REDY-ZN chelated micronutrient contains 10% of fully chelated zinc in a form readily available to plants. It is recommended for use as an additive in liquid fertilizer and can also be used as a foliar spray. RUFFIN-REDY-ZN is compatible with herbicides, insecticides and most agricultural chemicals that may be utilized in combination with liquid fertilizer. RUFFIN-REDY-ZN is most effective when placed in the root zone during planting or moved into the soil by irrigation, tillage or rainfall. It is important that the zinc deficiency be treated before visual symptoms appear to insure proper yields. Rates of application will vary depending upon the severity of the deficiency, climate, soil conditions, and method of application. Consult your State Agricultural Experiment Station or Extension Specialists for advice in selecting treatments from this label to best fit local condition.

HOW TO APPLY

Soil Application: RUFFIN-REDY-ZN can be applied in water or in combination with liquid fertilizer for pre-plant, starter or side dress applications. The most effective treatment of row crops is soil applications in a band at planting time or as a side dressing shortly after planting. For dry fertilizer applications use Ruffin-Tuff granular micronutrients.

Foliar Application: RUFFIN-REDY-ZN diluted with water according to label recommendations, can be applied as a foliar spray. To insure even distribution on the leaf surfaces and increase the effectiveness of foliar application a small amount of wetting agent or detergent may be added.

NOTE: Foliar Spray of RUFFIN-REDY-ZN should not be considered a substitute for soil application but rather a supplement or temporary measure to correct zinc deficiency in most crops.

RECOMMENDATIONS FOR USE

This product is for use on all food and fiber crops. These are general recommendations. Consult your local agricultural professional or RSA's Use Guide for this product for specific recommendations.

GENERAL RECOMMENDATIONS

SOIL APPLICATION

Deficiency Level	Rate Banded	Rate Broadcast
Mild	1-2 qt/acre	1-3 qt/acre
Moderate	2-3 qt/acre	3-5 qt/acre
Severe	3-4 qt/acre	5-8 qt/acre

FOLIAR APPLICATION

Dilute 1/2 to 1 gallon of product in 100 gallons of water and spray to thoroughly cover foliage.

MIXING INSTRUCTIONS

Add 1/2 of water and/or liquid fertilizer to mix tank. Start agitation. Add correct amount of RUFFIN-REDY-ZN. Add remainder of fertilizer and continue strong agitation until mixed. Other chemicals, if used, should be added after the fertilizer-micronutrient mix has been prepared.

If there are questions regarding compatibilities of other substances with RUFFIN-REDY-ZN, conduct a jar pilot test to determine the mixing characteristics of the different materials.

NOTE

A number of variables influence the rate of application necessary to control or correct a specific deficiency. For best results follow good agronomic practices, soil test and, if necessary, use tissue analysis.

RUFFIN-REDY-ZN is an acid based chelate and is corrosive to mild steel. After the material is mixed in liquid fertilizer its corrosiveness is buffered by the fertilizer. RUFFIN-REDY LIQUID CHELATE MUST BE STORED AND/OR SHIPPED IN STAINLESS STEEL, FIBERGLASS OR POLYETHYLENE TANKS. The tank fittings used must be PVC or stainless steel.

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

PROPOSITION 65 WARNING: WARNING: This product may contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

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.

Weight per Gallon (Appr.) 11.0 lbs.



"The Finest Name in Plant Nutrition"

Manufactured By:
RSA MicroTech, LLC.
 PO Box 39
 Marysville, WA 98270