

NUTRA-SPRAY® Zn 17½-Mn4-Cu4 ✓

COMPOSITION AS A FUNGICIDE

Active Ingredients: (% by weight)

Basic Copper Sulfate*	7.8%
Inert Ingredients:	
Manganese (expressed as metallic equivalent)	4.0%
Zinc (expressed as metallic equivalent)	17.5%
Other	70.7%
Total:	100.0%

(*Metallic Copper Equivalent 4.0%)
Manganese derived from manganese carbonate.
Zinc derived from zinc oxide and basic sulfate)

COMPOSITION AS A FOLIAR NUTRIENT

Copper (Cu)	4.0%
Manganese (Mn)	4.0%
Zinc (Zn)	17.5%

Derived from copper sulfate, manganese carbonate, zinc oxide and zinc sulfate.

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT
IF SWALLOWED: Drink promptly a large quantity of milk, egg whites or gelatin solution. If not available, drink large amounts of water. Avoid alcohol. Call a physician immediately.
IF IN EYES: Flush eyes with plenty of water for at least 15 minutes. Call a physician.
IF ON SKIN: Wash with plenty of water, for at least 15 minutes. Call a physician if irritation persists.
IF INHALED: and abnormal symptoms develop, see a physician.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Avoid breathing dust. Avoid contact with skin, eyes or clothing. In case of contact immediately flush eyes or skin with plenty of water. May cause skin sensitization in certain individuals. Keep away from domestic animals.
PERSONAL PROTECTIVE EQUIPMENT
 Applicators and Other Handlers (other than mixers and loaders) Must Wear: A long-sleeved shirt & long pants; waterproof gloves; shoes plus socks.
 Mixers and Loaders Must Wear: A long-sleeved shirt and long pants; waterproof gloves; shoes plus socks; protective eyewear.
 Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.
 When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS
 Users should:
 • Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
 • Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS
 This pesticide is toxic to fish and aquatic organisms. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to fish and aquatic organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE
 It is violation of Federal Law to use this product in a manner inconsistent with its labeling.
 Do not apply this product through any type of irrigation system.
 Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS
 Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.
 Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.
 PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:
 • coveralls
 • waterproof gloves
 • shoes plus socks

NUTRA-SPRAY 17½-Mn4-Cu4 is a chemically reacted, neutral spray dried wettable powder. It is recommended for the correction of zinc, manganese, and copper deficiencies in citrus, avocados, deciduous fruits, and grapes. May also be used as a copper fungicide where zinc and manganese are desired.

USE DIRECTIONS
FUNGICIDE USES
 Follow use directions below for specific crop applications. If conditions favor disease incidence, or evidence of disease is present, higher rates should be used.
CITRUS: Use as a preventative in late fall or when disease appears.
Septoria: Use 7-10 lbs. per 100 gals. Spray the entire tree in complete coverage in late fall.
Brown Rot: 7-10 lbs. per 100 gals. In late fall at time of first rains. Spray skirts of trees from the ground up to 3-4 ft. high with up to 6 gals. of spray solution per tree; also, spray 2-4 gals. on the trunk and ground under tree. Apply 25-80 lbs. NUTRA-SPRAY Zn17½-Mn4-Cu4 per acre.
CAUTION: This product should not be used on those varieties of apples and pears that are subject to russeting during the period when they are sensitive to russet.
SPREADERS: When used as a fungicide, a Spreader-Sticker is recommended.
COMPATIBILITY: NUTRA-SPRAY Zn17½-Mn4-Cu4 is compatible with most commonly used wettable powder insecticides and fungicides. See Leffingwell compatibility chart for details.

MICRONUTRIENT USES
 The following applications should be made when nutrient deficiency is detected or when cultural practices indicate that such applications are beneficial. Nutrient applications should be repeated if crops continue to show deficiencies 14 days after the initial treatment.

AVOCADOS: Very effective for avocados where a little copper is desired. Ground Rigs - Apply at 5 lbs. to 100 gals., or 25 to 30 lbs. per acre. Air Application - 10-20 lbs. per acre in 15 gals. of water. Two applications per year over new growth for best results.

CITRUS: For deficiencies of Zinc, Manganese, and Copper, apply 20-40 lbs. per acre for mature trees. May be applied by conventional ground rig (use 7-10 lbs. per 100 gals.) ground concentrate sprayer or by air.

DECIDUOUS FRUIT, NUT TREES & ORNAMENTALS: For deficiencies of zinc, manganese and copper, spray over new growth with NUTRA-SPRAY Zn17½-Mn4-Cu4 at 5 to 10 lbs. per 100 gallons or 20 to 40 lbs. per acre in sufficient water to provide coverage. Where Zinc Sulphate is used as a dormant spray for plums, apricots, peaches, this spray should not be used, as defoliation may occur from excess zinc.

GRAPES: Spray near the bloom period with NUTRA-SPRAY Zn17½-Mn4-Cu4 at 5 to 15 lbs. per acre for zinc, manganese, and copper deficiencies. This spray aids in controlling split berries that may be caused by copper deficiency.

TOMATOES, PEPPERS, BEANS, MELONS: As a deficiency spray, 10-20 lbs. per acre per application in enough water to give even distribution by air or ground rig. Maintain adequate agitation at all times.

STORAGE AND DISPOSAL
STORAGE: Store product in a secure place and keep product dry. Spilled product should be swept up, used if clean, or disposed of on site and air waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
 Store product only in original container. During storage, store pesticides separately to prevent cross-contamination of other pesticides, fertilizers, food and feed.
DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Do not reuse this container. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT NOTICE—Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the 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 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.

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EPA REG. NO. 64864-30
 EPA EST. NO. 64864-WA-1

ACCEPTED

JUN 17 1997

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA # 64864-30

NET WEIGHT 50 POUNDS [22.68 kg]

LEFFINGWELL®

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