

NUTRAPLEX®

PRO GUARD Man -Z

COMPLEXED MICRONUTRIENTS PRODUCT INFORMATION

**To Prevent and Correct
Micronutrient Deficiencies**

GUARANTEED ANALYSIS

Sulfur (S)	6.00%
Manganese (Mn).....	7.00%
Zinc (Zn).....	4.00%

Derived from zinc sulfate, manganese sulfate, sulfuric acid, and lignosulfonate

Information regarding the contents and levels of metals in this product is available by calling 1-800-542-6664

KEEP OUT OF REACH OF CHILDREN

WARRANTY: Western Nutrients Corporation makes no warranty, express or implied, including the warranties of merchantability and/or fitness for any particular purpose, concerning this material, except those which are contained on the Western Nutrients Corporation Label attached to the product container.

**NET CONTENTS 5 GALLONS
18.93 LITERS
11.5 LBS. PER GAL @ 68 ° F
1286 GRAMS PER LITER @ 20 ° C**



CROPS

NUTRAPLEX® MAN - Z can be applied to most vegetable crops, row crops, deciduous fruit and nut trees, citrus, avocados, grapes, melons, ornamentals, turf, pasture, range grasses, and most other crops.

NUTRAPLEX® MAN - Z is a complexed liquid micronutrient for foliar and soil application to agricultural crops. **NUTRAPLEX® MAN - Z** is completely available for plant food and non-phytotoxic when used as directed. It is absorbed through the leafy tissue and root system of the plant and quickly translocated to deficient areas of the plant. **NUTRAPLEX® MAN-Z** is compatible with most insecticides, fungicides, herbicides, liquid fertilizer, and other foliar micronutrients. It is used on most field and row crops, trees, vines, turf, and ornamentals. **NUTRAPLEX® MAN - Z** can also be used as an acidifying and dispersing agent in water solutions.

NUTRAPLEX® micronutrients have corrected deficiencies of a great many row crops, vegetables, and ornamental plants under soil conditions ranging from high organic matter (muck) to very low organic matter and from strong acid soil (pH 3) to high alkaline soil (pH 8.5) containing considerable calcium carbonate (free lime). **NUTRAPLEX®** is effective under dry land and irrigation farming conditions. Differences in soil conditions, climate and plant varieties will determine how much more effective **NUTRAPLEX®** micronutrients are than other sources of micronutrients. **NUTRAPLEX®** micronutrients are unique in that they can be used in most forms of liquid fertilizers including ammonia solutions.

NUTRAPLEX® micronutrients can be broadcast on the surface of the soil in water solutions. In fluid fertilizers including suspensions, or in particulate form. This micronutrient can be banded at planting time, side dressed, or sprayed in water solutions directly on deficient plants. Under irrigation, **NUTRAPLEX®** micronutrients can be added to the water of gravity and sprinkler systems. Under dry land conditions, **NUTRAPLEX®** micronutrients can be applied ahead of disking, plowing or listing. When applied to soil, **NUTRAPLEX®** micronutrients can be used in combination with a nitrogen fertilizer source.

APPLICATION RATES

Soil Application Rates

Maintenance Applications: 1-3 qt. / acre
Moderate Deficiency: 2-6 qt / acre (2-4 liters)
Heavy Deficiency: 1 - 3 gallons / acre

In soil applications the usual carrier is water used at a rate sufficient for thorough coverage. **NUTRAPLEX® MAN - Z** can be applied with liquid fertilizers as a broadcast or banded treatment. Use Nutraplex® at a maximum rate of 1 part Nutraplex® to 50 parts fertilizer in ammonium phosphate solutions and 1 part Nutraplex® to 10 parts fertilizer in nitrogen solutions

Foliar Application Rates

TREE CROPS: 1/2 - 1 gallon (2-4 liters)

Apply **NUTRAPLEX S.C.M.** on tree crops using the following dilution rates:

Aerial Application: Use a maximum of 1 quart (1 liter) of **NUTRAPLEX MAN - Z** per 5 gallons (20 liters) of water

Dilute Spray: Use a maximum of 1 gallon (4 liters) of **NUTRAPLEX MAN - Z** per 200 - 500 gallons (800-2000 liters) of spray solution.

Concentrated Spray: Use a maximum of 1 gallon (4 liters) of **NUTRAPLEX MAN - Z** . per 50 - 150 gallons (200-600 liters) of concentrated spray solution.

Apply every 10-14 days.

VEGETABLE CROPS 2 - 4 qts/acre
Use a minimum of 10 gallons of water per acre per gallon of **NUTRAPLEX MAN - Z**.

FIELD CROPS 2 - 4 qts/acre
Apply **NUTRAPLEX MAN - Z** on field crops using the following dilution rates:

Aircraft and low volume sprayers:

Use a minimum of 10 gallons of water per acre per gallon of **NUTRAPLEX PRO GUARD MAN - Z**

Conventional Sprayers:

Use a minimum of 20 gallons of water per gallon of **NUTRAPLEX MAN - Z**.

SPREADER

NUTRAPLEX MAN - Z can be used as a spreader at 1 - 2 quarts per 100 gallons of water.

ACIDIFYING

NUTRAPLEX MAN - Z has an acidifying effect on high pH water.

Nutraplex is a Registered Trademark of Western Nutrients Corporation.

MANUFACTURED BY - WESTERN NUTRIENTS CORPORATION

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