

# MINERAL SPRAY™

## ZNP 10-20-0

### with zinc

#### PRODUCT INFORMATION

#### GENERAL INFORMATION

**MINERAL SPRAY ZNP** is a highly concentrated nutritional solution. It is designed to meet the need for a soluble liquid minor element spray containing certain nutrients proven to be of value when applied as a properly timed foliage spray. **MINERAL SPRAY ZNP** is completely available for plant food and non-phytotoxic when used as directed. It is absorbed through the leafy tissue of the plant and quickly translocated to deficient areas of the plant. **MINERAL SPRAY ZNP** is compatible with most insecticides and minor elements. It is designed for use as a supplement to a well balanced fertilizer program.

**MINERAL SPRAY** nutrients can be applied by conventional ground rig, concentrate sprayer, and by air. For improved leaf absorption add 1 -3 qts. per acre of **NUTRAPLEX®** with Mineral Spray products. **MINERAL SPRAY ZNP** also has a buffering effect on hard water.

With farms becoming larger and more specialized and farmers desiring to get crops planted earlier there definitely is a trend for applying less fertilizer at planting time and broadcasting or side-dressing larger quantities at other than planting time. **MINERAL SPRAY** products are designed to supplement a well balanced fertilizer program and ensure the plants obtain proper nutrients during high growth periods which is so essential to high yields. **MINERAL SPRAY ZNP** provides a fast method of giving plants a nutrient boost thru leaf absorption.

**MINERAL SPRAY** products will protect crops from nutrient deficiencies during those crucial growing periods when any drop in nutrients will result in a production drop.

**MINERAL SPRAY** nutrients 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 soils (pH 3) to high alkaline soils (pH 8.5) containing considerable calcium carbonate (free lime). **MINERAL SPRAY ZNP** is effective under dry land and irrigation farming conditions. Differences in soil conditions, climate and plant varieties will determine how much more effective **MINERAL SPRAY** nutrients are than other sources of nutrients.

#### DIRECTIONS

**ALFALFA** — 1-2 qts. per acre prior to bloom. Repeat every 2-3 weeks.

**ARTICHOKES** — 1-2 qts. per acre at bud stage. Repeat every 2-3 weeks.

**AVOCADOS** — 1-2 qts. per acre pre-bloom.

**BLACKBERRIES, BOYSENBERRIES, RASPBERRIES, STRAW-BERRIES and other small fruits** — 1 qt. per acre pre-bloom.

**BROCCOLI, BRUSSEL SPROUTS** — 1 qt. per acre. 1-3 applications.

**CARROTS** — 1 qt. per acre as often as needed.

**CAULIFLOWER, CABBAGE** - 1 qt. per acre. 1 - 3 applications

**CITRUS** - 1-2 qts. per acre pre-bloom.

**CORN** — 1 qt. to 20 gallons of water per acre. Apply when tassels first appear.

**COTTON** — 1 qt. per acre prior to bloom. Make 4-6 applications.

**CUCUMBERS** — 1 qt. per acre pre-bloom. Make 4-6 applications.

**DECIDUOUS FRUIT and NUT TREES** — 1-2 qts. per acre pre-bloom and petal fall.

**GRAPES** — 1-2 qts. per acre prior to bloom. Make 3 applications. **LETTUCE, CELERY** — 1 qt. per acre as often as needed. **MELONS** — 1 qt. per acre, pre-bloom. Make 4-6 applications.

**LETTUCE, CELERY** - 1 qt. per acre as often as needed.

**MELONS** - 1 qt. per acre, pre-bloom. Make 4-6 applications.

**ONIONS** — 1 qt. per acre as often as needed.

**PEAS and BEANS** — 1 qt. per acre prior to bloom.

**POTATOES** — 1-2 qts. per acre as often as needed.

**SPINACH** — 1 qt. per acre as often as needed.

**SQUASH** — 1 qt. per acre pre-bloom. Make 4-6 applications.

**SUGAR BEETS** — 1 qt. per acre. Make several applications.

**TOMATOES, EGGPLANT** — 1 qt. per acre at first bloom. Repeat before and during fruiting period.

**WHEAT, BARLEY, MILO, RICE and OTHER GRAIN CROPS** — 1 qt. per acre seeding and pre-bloom.

**NURSERY GREENHOUSE** - 1 quart ( 1 liter) per 100 gallons (378 liters) water.

#### To prevent and Correct Nutrient Deficiencies

#### GUARANTEED ANALYSIS

Total Nitrogen (N).....	10.00%
10.00% Water Soluble Organic	
Phosphoric Acid (P2O5) (Available).....	20.00%
Available Primary Plant Food.....	30.00%
Zinc expressed as elemental.....	1.5%
Total Plant Food.....	31.5%
Nitrogen derived from Urea. Phosphoric Acid derived from Phosphoric Acid. Zinc derived from Zinc Sulfate.	

#### 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.

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

NET CONTENTS: 5 GALLONS  
18.93 LITERS

10.00 LBS. PER GAL @ 68°F  
1118 GRAMS PER LITER @ 20° C



### MANUFACTURED BY - WESTERN NUTRIENTS CORPORATION

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