

# HYDROMIN

## Manganese 5% Amino Acid Complex

### GUARANTEED ANALYSIS

Manganese (Mn).....5.0%

Derived from: Manganese Sulfate. Complexing Agent Hydrolyzed Protein.

NET CONTENTS 5 GALLONS  
18.93 LITERS  
9.6 LBS. PER GAL @ 68° F  
1062 GRAMS PER LITER @ 20° C

### 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

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### PRODUCT INFORMATION

#### CROPS

HYDROMIN MANGANESE. 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.

HYDROMIN MANGANESE liquid foliar fertilizer was formulated to provide a fast method to boost plants during critical or high growth periods, damage due to weather and for correction of nutrient deficiencies.

HYDROMIN MANGANESE promotes seed and root development as well as a strong cell structure when used as a supplement to a soil fertilizer program. Micro-Nutrients are needed for healthy seed development, root structure and cell structure, especially in soils where the nutrients have been depleted in sufficient quantities to cause reduced yields or stunted plants. HYDROMIN MANGANESE insures against these nutrient deficiencies providing the essential nutrients to stimulate early root development and speed up crop growth.

HYDROMIN MANGANESE is a partially chelated liquid micronutrient for foliar and soil application to agricultural crops. HYDROMIN MANGANESE is plant food and non-phytotoxic when used as directed. It is absorbed through the leafy tissue and root system of the plant. HYDROMIN MANGANESE is compatible with most insecticides, fungicides, herbicides, liquid fertilizer, and other foliar nutrients. It is used on most field and row crops, trees, vines, turf, and ornamentals.

HYDROMIN MANGANESE can be applied by conventional ground rig, concentrate sprayer, and by air. For additional micro nutrients add 1-3 quarts (1-2 liters) per acre of NUTRAPLEX® products with HYDROMIN MANGANESE.

#### SUGGESTED USES

**GENERAL USE-** 1-3 quarts (1-3 liters) per acre.

May be applied by air, concentrate sprayer, or conventional ground rig. Maximum concentration 1 quart (1 liter) HYDROMIN in 5 gallons of solution. HYDROMIN should be used in regular crop protection spray programs to insure plants receive all the essential plant foods

**ALFALFA** - 1-2 quarts (1-2 liters) per acre after each cutting for hay. On seed alfalfa, 4-6 applications.

**ARTICHOKES** - 1-2 quarts (1-2 liters) per acre at bud stage. Repeat every 2-3 weeks.

**AVOCADOS, CITRUS** - 1-2 quarts (1-2 liters) per acre pre-bloom.

**BLACKBERRIES, BOYSENBERRIES, RASPBERRIES, STRAWBERRIES and other small fruits** - 1 quart (1 liter) per acre pre-bloom.

**BROCCOLI, BRUSSEL SPROUTS** - 1-2 quarts (1-2 liters) per acre 4-6 applications.

**CARROTS, ONIONS, PEPPERS, GARLIC, POTATOES, SPINACH** - 1-2 quarts (1-2 liters) per acre as often as needed.

**CAULIFLOWER, CABBAGE** - 1-2 quarts (1-2 liters) per acre, 4-6 applications.

**CORN** - 2 quarts (2 liters) per acre. Apply with crop protection sprays at 7-10 day intervals. Begin 3 weeks after emergence.

**COTTON** - 1 quart (1 liter) per acre prior to bloom. Make 4-6 applications.

**CUCUMBERS** - 1-2 quarts (1-2 liters) per acre pre-bloom. Make 4-6 applications. Apply with crop protection sprays

**DECIDUOUS FRUIT and NUT TREES** - 1-3 quarts (1-3 liters) per acre pre-bloom and petal fall.

**GRAPES** - 1-2 quarts (1-2 liters) per acre prior to bloom. Make 3 applications.

**LETTUCE, CELERY** - 1 quart (1 liter) per acre as often as needed.

**MELONS, PEAS, and BEANS, SQUASH** - 1-2 quarts (1-2 liters) per acre, pre-bloom. Make 4-6 applications.

**SOYBEANS** - 2-3 quarts (2-3 liters) per acre prior to bloom and after pod formation.

**SUGAR BEETS** - 2 quarts (2 liters) per acre. Make several applications.

**TOBACCO** - 1-2 quarts (1-2 liters) per acre. Apply with crop protection sprays.

**TOMATOES, EGGPLANT** - 1 quart (1 liter) per acre at first bloom. Repeat before and during fruiting period.

**WHEAT, BARLEY, MILO, RICE and other GRAIN CROPS** - 1-2 quarts (1-2 liters) per acre seeding and pre-bloom.

**LAWN and TURF** - 1-2 quarts (1-2 liters) to 100 gallons (378 liters) of water per 5000 square feet.

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

**TRANSPLANTING SOLUTIONS** - 6 ounces per 10 gallons (37.8 liters) solution.

### MANUFACTURED BY -

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