

# Nourish ZnMn™ 1-0-0

## GUARANTEED ANALYSIS

Total Nitrogen (N) .....	1.0%
1.0% Water Soluble Nitrogen	
Manganese (Mn) .....	3.0%
3.0% Water Soluble Manganese	
Zinc (Zn) .....	7.0%
7.0% Water Soluble Zinc	

## Derived From:

Soy Protein Hydrolysate, Manganese Sulfate, and Zinc Sulfate

## KEEP OUT OF REACH OF CHILDREN



## WARNING

### HAZARD AND PRECAUTIONARY STATEMENTS:

Exposure to this product may result in serious eye irritation. May cause damage to organs through prolonged exposure (if inhaled, if swallowed). Wash hands thoroughly after handling. This product should be kept out of reach of animals. Do not eat.

### ENVIRONMENTAL PRECAUTIONS:

Do not contaminate water when cleaning equipment or disposing of equipment wash waters. Harmful to aquatic life with long lasting effects. Avoid release to the environment. Collect Spillage.

### PERSONAL PROTECTIVE EQUIPMENT (PPE):

Use standard protective clothing and equipment including gloves, and eye and face protection. Consult the SDS for further information.

### FIRST AID:

**If Swallowed:** Call a poison control center or doctor immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**If In Eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**If On Skin or Clothing:** Take off contaminated clothing and wash it before reuse. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**If Inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if

possible. Call a poison control center or doctor for further treatment advice.

**HAVE THE PRODUCT CONTAINER OR LABEL WITH YOU WHEN CALLING A POISON CONTROL CENTER OR DOCTOR, OR GOING FOR TREATMENT.**

**FOR HAZARDOUS MATERIALS OR DANGEROUS GOODS INCIDENTS ONLY (SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT), CALL CHEMTREC AT 1-800-424-9300.**

## GENERAL INFORMATION:

**Functions:** Efficient uptake & translocation of nutrients, reduced phytotoxicity, improves tolerance to abiotic stress, photosynthetic efficiency, carbon dioxide assimilation.

**Nourish ZnMn** is a foliar micronutrient developed to improve plant performance and treat manganese & zinc deficiencies. Manganese is required for the assimilation of carbon dioxide during photosynthesis. It is complexed with plant-based peptides containing the amino acids essential for plants. The peptides act as an efficient carrier to allow for rapid uptake and rapid translocation throughout the plant, reduce risk of phytotoxicity, improve photosynthetic efficiency and tolerance to abiotic stress.

## DIRECTIONS FOR USE:

Read all label directions carefully before using this product. Use only in case of a recognized need. Do not exceed recommended dose. Do not apply undiluted.

Doses and mode of application are to be determined according to the requirements and the nutritional situation of the cultivation. Apply using a spray method with an adequate volume of water to provide complete coverage of the plants. A non-ionic wetting agent may be used to improve spray coverage of certain hard to wet plants. Jar testing is recommended before use.

## TIMING & COMPATIBILITY:

For Foliar Use Only

Pre-Plant	Not Recommended	Herbicide	Compatible
In Furrow	Not Recommended	Fungicide	Compatible
Pre-Emerge	Not Recommended	Insecticide	Compatible
Early Vegetative	Best Performance	PGR	Compatible
Late Vegetative	Best Performance	Liquid Fertilizer	Compatible
Early Reproductive	Good Performance	Other Nutritional	Compatible
Late Reproductive	Good Performance		
Post-Harvest	Not Recommended		

**Nourish ZnMn is compatible in solution with most common tank mixes. Not every combination has been tested and some mixes may be incompatible. JAR TEST RECOMMENDED prior to use.**

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## SHAKE WELL BEFORE USING

### USE RATES:

#### Row Crops

Apply 8 to 24 fl oz (0.2 to 0.7 L) per acre during periods of rapid growth or nutritional stress. The application may be repeated 2 or more times throughout the growing season.

*\*For additional improvement to abiotic stress tolerance and photosynthetic efficiency add Atarrus at the corresponding use rates below.*

# of Applications	Per Application Use Rate	
	Nourish ZnMn 1-0-0	Atarrus 8-0-0 <i>*(for added performance)</i>
1 Application	8 - 24 fl oz. (240 - 255 ml)	8 - 12 fl oz. (240 - 355 ml)
2 Applications	4 - 12 fl oz. (120 - 355 ml)	4 - 6 fl oz. (120 - 180 ml)
3 Applications	3 - 8 fl oz. (90 - 295 ml)	2.5 - 4 fl oz. (75 - 120 ml)

#### Tree Crops, Orchards and Viticulture

Apply 8 to 80 fl oz (0.2 to 2.4 L) per acre after the beginning of active growth. The application may be repeated at 2 to 4 week intervals throughout the growing season. **Nourish ZnMn** is miscible with many common pesticide products and fertilizers.

*\*Add Atarrus at 8 to 12 fl oz. (240 to 255 ml) for improved tolerance to abiotic stress and better photosynthetic efficiency.*

### MIXING INSTRUCTIONS:

Always start with spray equipment that has been thoroughly cleaned. Fill the spray tank with at least 50% of the final carrier volume unless otherwise stated on the specific product label. While the carrier is agitating, add tank mix ingredients in the following order:

1. Antifoam and / or compatibility agent
2. Dry formulations (WP, DF, WDG, SG, SP) and ammonium sulfate
3. Flowable formulations (F & FL), liquid concentrates or suspensions (LC, ME, SC, CS)
4. Emulsifiable concentrates (E or EC)
5. Add **Nourish ZnMn** and other soluble liquids (S or SL)
6. Surfactants, water conditioners and other adjuvants
7. Finish filling and continue agitation

### STORAGE AND DISPOSAL:

**Storage:** Store in a cool dry place at temperatures between 40 °F and 95 °F (4 °C and 35 °C). Do not store in direct sunlight. Do not store diluted product. Stable under recommended storage conditions. Avoid vapor formation and use in well ventilated area. Do not breathe in vapors from combustion of

material.

**Disposal:** Do not reuse empty container. Triple rinse (or equivalent) during mixing and loading. Decontaminated containers and materials must be disposed of in a manner allowed by local, state and federal laws and regulations.

Recycling decontaminated containers is the best option of container disposal. Visit [www.acrecycle.org](http://www.acrecycle.org) for the recycling program nearest you.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.html>

### CONDITIONS OF SALE:

Generic Crop Science, LLC and its affiliates, respective officers, directors, employees, agents, successors, (collectively, "GCS") warrants only that this product conforms to the product description on the label. Other than the foregoing Limited Warranty, this product is sold on an 'as-is' basis. GCS disclaims to the fullest extent permitted by law, all other warranties of any kind, either express or implied, including, but not limited to: the implied warranty of merchantability, the implied warranty of fitness for a particular purpose, non-infringement, that the use of this product will cause or result in any particular outcome, the suitability of this product to control any specific agricultural pest or disease, or the product compatibility with other products or permitted tank mixes. If GCS breaches any of its warranties in relation to this product, buyer's and user's exclusive remedy for such breach is limited to GCS repairing or resupplying (at GCS's election) the relevant or comparable products in compliance with such warranty. To the fullest extent permitted by law, under no circumstances and under no legal theory (including, without limitation, tort, contract, strict liability, or otherwise) shall GCS be liable to user or buyer for (A) any direct, special, incidental, consequential, punitive or exemplary or indirect damages of any kind, including damages for lost profits, lost revenue, unrealized savings, crop loss, loss of yield, loss of goodwill, business interruption damages, work stoppage, or (B) any amount, in the aggregate, in excess of the amount actually paid for this product, exclusive of taxes, shipping & handling, and any other applicable fees, or (C) any other matter. GCS further disclaims any liability for compensatory or other damages arising out of any use contrary to the label direction. Some jurisdictions do not allow the exclusion or limitation of certain damages or limitations on how long an implied warranty last, so only portions of the above limitation and exclusions may apply to user or buyer if so restricted by law.

Net weight: 25 lbs. (12 kg)

Net Contents: 2.5 gal (9.5 L)

Density: 11 lbs./gal (1.3 kg/L) @ 68 °F (20 °C)