

STORE IN COOL AND DRY CONDITIONS



NutriSync® Micro Pak

13-0-1

2.00% Zinc  
FOLIAR NUTRIENT

GUARANTEED ANALYSIS	
Total Nitrogen (N) .....	13.00%
4.6% Ammoniacal Nitrogen	
2.8% Nitrate Nitrogen	
5.6% Urea Nitrogen	
Soluble Potash (K <sub>2</sub> O) .....	1.00%
Copper (Cu) .....	0.12%
0.12% Chelated Copper	
Iron (Fe) .....	0.12%
0.12% Chelated Iron	
Manganese (Mn) .....	0.12%
0.12% Chelated Manganese	
Zinc (Zn) .....	2.00%
2.00% Chelated Zinc	
Derived from: Urea Ammonium Nitrate, Anhydrous Ammonia, Potassium Acetate, Copper Citrate, Iron Citrate, Manganese Citrate, and Zinc Citrate.	
When used as directed this product does not supply all nutrients required by plants and is to supplement a soil fertility program based on soil tests.	
Before using this product, read all precautions, directions for use, conditions of sale-limited warranty and limitations of liability and remedies.	

KEEP OUT OF REACH OF CHILDREN



WARNING

Harmful if swallowed. Avoid contact with skin, eyes or clothing.

GENERAL INFORMATION	
NutriSync® MICRO PAK is a plant nutrient solution that contains a proprietary combination of anhydrous ammonia and zinc, in a super soluble, neutral pH formulation. When used as a supplement to a regular fertilizer program, this product may improve vigor, quality, production and stress tolerance in a broad range of crops. It will not by itself provide all the nutrients normally required by crops.	
DO NOT APPLY NEAR WATER, STORM DRAINS, OR DRAINAGE DITCHES. DO NOT APPLY IF HEAVY RAIN IS EXPECTED. APPLY THIS PRODUCT ONLY TO YOUR LAWN/GARDEN, AND SWEEP ANY PRODUCT THAT LANDS ON THE DRIVEWAY, SIDEWALK, OR STREET, BACK ONTO YOUR LAWN/ GARDEN.	
General information for these applications is provided on this label. Consult current product bulletins for additional information.	
EQUIPMENT	
Brass, copper and galvanized metals may be subject to mild corrosion from prolonged or repeated contact with this product.	
COMPATIBILITY	
NutriSync MICRO PAK can be applied alone or with other compatible spray materials. Ammonium polyphosphate fertilizers tend to be more compatible than orthophosphate types. Including some polyphosphate in the mixture often improves compatibility of orthophosphates.	

Proposed mixtures should be evaluated in a jar test before full scale use. Fertilizer based mixtures that also contain pesticides should be sprayed as soon as possible.

**Note:** When combining NutriSync MICRO PAK with phosphate fertilizers vigorous agitation is required for good product mixing. See mixing directions below for more information.

CROP SAFETY	
This product has been tested on a number of crop varieties with no phytotoxicity observed at labeled rates; however, this product has not been tested on all varieties and cultivars. Due to the large number of plant species and their associated varieties or cultivars, and due to variable growing conditions, it is impossible to test every plant for tolerance to this product. It is the responsibility of the user to determine if this product can be used safely prior to commercial use. In a small test area, test the specified rates on plants for phytotoxicity prior to general use. Before using any tank mix, test the combination on a small portion of the crop to be treated to ensure that a phytotoxic response will not occur as a result of application. Treat a small group of target crop including plant cultivars and evaluate for 3 to 7 days prior to making an application to your entire crop.	
MIXING INSTRUCTIONS	
In combination with water based mixtures, nitrogen solutions, or pesticides, mix as follows: 1) Fill mixing tank about ½ full with water. 2) Start agitation and add required amount of NUTRISYNC MICRO PAK. 3) Finish filling tank with water and pesticide. Continue agitation until tank is emptied. Apply the spray mixture as soon as possible and avoid storing for prolonged periods.	
<b>Note:</b> When combining NUTRISYNC MICRO PAK with phosphate fertilizers, mix as follows: 1) Add a small amount of fertilizer to the mixing tank. 2) Start bypass agitation, then add the required amount of NUTRISYNC MICRO PAK, and vigorously agitate until it is completely mixed into solution. 3) Add remaining phosphate fertilizer and continue agitation until tank is emptied. When phosphate fertilizers are combined with NUTRISYNC MICRO PAK, bypass agitation alone does not provide sufficient agitation to ensure a good product mixture. Remove in line strainers on the suction side of the pump when combining NUTRISYNC MICRO PAK with phosphate fertilizers.	
RATES: DIRECTIONS FOR USE	
Apply as needed based on soil or tissue analysis results, or according to recommendations in your nutrient management plan.	

Crop	Application rate per acre	Application Directions and Timing
(01) Root and Tuber Vegetables including Carrot, Ginseng, Horseradish, Parsley (turnip-rooted), Potato, Radish, Sugar Beet, Sweet Potato, Turnip	1.0 to 4.0 qts	1st: At 2- to 4-true leaf stage.  May repeat application at 14- to 21-day interval until harvest. Thorough spray coverage is necessary.
(03) Bulb Vegetables including Garlic, Leek, Onion	2.0 to 4.0 pts	1st: At 3-leaf stage.  Repeated applications can be made every 10 to 14 days up until 10 days prior to harvest. Thorough coverage and leaf wetting is required.
(08) Fruiting Vegetables including Eggplant, Pepper and Tomato	2.0 to 4.0 pts	1st: At 2- to 4-true leaf stage or after transplant recovery.  Repeat applications every 10 to 14 days up until 10 days prior to harvest.  NUTRISYNC MICRO PAK will perform best with minimum 1% concentration of NUTRISYNC MICRO PAK in the final solution.
(04) Leafy Vegetables including Celery, Head and Leaf Lettuce and Spinach	2.0 to 4.0 pts	1st: At 2- to 4-true leaf stage.  Repeat applications can be made every 14 to 21 days up until 10 days prior to harvest.  NUTRISYNC MICRO PAK will perform best with minimum 1% concentration of NUTRISYNC MICRO PAK in the final solution.
(05) Brassica Vegetables including Broccoli, Cabbage, Cauliflower, Kale and Mustard greens	2.0 to 6.0 pts	1st: At 2- to 4-true leaf stage.  Repeat applications can be made every 10 to 14 days up until 10 days prior to harvest.  NUTRISYNC MICRO PAK will perform best with minimum 1% concentration of NUTRISYNC MICRO PAK in the final solution.
(06) Legume Vegetables (Succulent or Dried) including Bean (all types), Peas and Soybeans*	2.0 to 4.0 pts	1st: At 2- to 4-true leaf stage.  Repeat applications can be made every 10 to 14 days.

Crop	Application rate per acre	Application Directions and Timing
(09) Cucurbit Vegetables including Cantaloupe, Cucumber, Honeydew, Muskmelon, Squash (summer and winter) and Watermelon	2.0 to 4.0 pts	1st: At 2- to 4-true leaf stage.  Repeat applications can be made every 10 to 14 days up until 10 days prior to harvest.  NUTRISYNC MICRO PAK will perform best with minimum 1% concentration of NUTRISYNC MICRO PAK in the final solution.
(10) Citrus Fruit including Grapefruit, Lemon, Lime, Sweet Orange and Tangerine	1.0 to 4.0 qts	Apply prior to spring and summer root flush or when trees show signs of sugar accumulation in the leaves due to inadequate phosphorus mobility.  Repeat application at 14-day interval as needed.  NUTRISYNC MICRO PAK will perform best with minimum 1% concentration of NUTRISYNC MICRO PAK in the final solution.
(11) Pome Fruits including Apple and Pear	2.0 to 4.0 qts	Beginning at petal fall. Continue in cover sprays until harvest.  NUTRISYNC MICRO PAK will perform best with minimum 1% concentration of NUTRISYNC MICRO PAK in the final solution.
(12) Stone Fruits including Apricot, Cherry, Peach and Plumcot	2.0 to 6.0 pts	Beginning at full leaf emergence. Avoid applications while flowers are open.  Can repeat as needed every 14 to 21 days until harvest.  NUTRISYNC MICRO PAK will perform best with minimum 1% concentration of NUTRISYNC MICRO PAK in the final solution.
(13) Berry and Small Fruit including Blackberry, Blueberry, Caneberry, Kivi, Raspberry and Grape (except Strawberry)	2.0 to 6.0 pts	1st: After transplant recovery. 2nd: 10 to 14 days later before bloom.  Can repeat as needed every 14 to 21 days until harvest.  Co-factors in NUTRISYNC MICRO PAK will perform best with minimum 1% concentration of NUTRISYNC MICRO PAK in the final solution.
(13) Strawberry	2.0 to 4.0 pts	Beginning at full leaf emergence. Avoid applications while flowers are open.  Can repeat as needed every 14 to 21 days until harvest.  NUTRISYNC MICRO PAK will perform best with minimum 1% concentration of NUTRISYNC MICRO PAK in the final solution.
(14) Tree Nuts including Almonds, Cashews and Pecans	1.0 to 4.0 qts	Beginning at full leaf emergence. Avoid applications while flowers are open.  Can repeat as needed every 14 to 21 days until harvest.  NUTRISYNC MICRO PAK will perform best with minimum 1% concentration of NUTRISYNC MICRO PAK in the final solution.
(15) Cereal Grains including Barley, Corn** (field, pop, sweet), Millet, Oats, Rice, Sorghum and Wheat	2.0 to 4.0 pts	1st: At 2- to 4-true leaf stage.  Applications can be made at 14- to 21-day interval up to leaf senescence.
(16) Forage, Fodder and Straw of Cereal Grains	1.0 to 4.0 pts	1st: At 2- to 4-true leaf stage.  Applications can be made at 14- to 21-day interval up to leaf senescence.
(17) Grass Forage, Fodder and Hay	1.0 to 4.0 pts	1st: At 2- to 4-true leaf stage.  Additional applications between cuttings may improve feed quality and increase stand vigor.
(18) Nongrass Animal Feeds including Alfalfa, Clover, Hay and Vetch	2.0 to 4.0 pts	Seedling alfalfa, clover, hay and vetch: Apply at 2 to 4 trifoliate stage.  For established crop, application at green-up and 5 to 10 days after each cutting has shown significant improvement in feed quality.
(19) Herbs and Spices including Basil, Dill, Mustard and Sage	2.0 to 4.0 pts	1st: At 2- to 4-true leaf stage.  Repeated applications can be made every 14 to 21 days up until 10 days prior to harvest.  NUTRISYNC MICRO PAK will perform best with minimum 1% concentration of NUTRISYNC MICRO PAK in the final solution.
(20) Oil Seed Crops including Canola**, Flax and Sunflower	2.0 to 4.0 pts	1st: At 2- to 4-leaf stage.  Repeated application can be made every 14 to 21 days until crop senescence.

Crop	Application rate per acre	Application Directions and Timing
(22) Stalk, Stem and leaf petiole vegetables, Asparagus, bamboo shoots and celery	2.0 to 4.0 pts	1st: 10 days after emergence.  Repeated applications can be made every 14 to 21 days up until harvest.  NUTRISYNC MICRO PAK will perform best with minimum 1% concentration of NUTRISYNC MICRO PAK in the final solution.
Cotton**	1.0 to 4.0 qts	1st: At 2- to 4-true leaf stage.  Repeated applications can be made every 14 to 21 days.
Peanut	2.0 to 4.0 pts	1st: At 2- to 4-true leaf stage.  Repeated applications can be made every 13 to 21 days. Beginning bloom to beginning seed fill is a critical period.
Sugarcane	2.0 to 4.0 pts	1st: At 2- to 4-true leaf stage.  Applications can be made at 14- to 21-day interval up to leaf senescence.
Tobacco	1.0 to 4.0 pts	1st: At 2- to 4-true leaf stage.  Repeated applications can be made every 14 to 21 days.
Ornamental and Landscape	2.0 to 4.0 pts	Begin on emergence of spring growth or deficiency symptoms.  Repeat every 14 to 21 days as needed. Use minimum 1:200 dilution rate or 0.7 fl oz / gal of spray volume
Turf	1.0 to 2.0 fl oz / 1000 sq ft	Begin on emergence of spring growth or deficiency symptoms.  Repeat every 14 to 21 days as needed. Use minimum 1.0 gal spray solution / 1000 sq ft

**\*\*Can be tank mixed with glyphosate products registered for use on Roundup Ready® crops.**

**Note:** Not all of the micronutrients in this product are necessary for all crops grown in Wisconsin that are listed on this label.

**FIRST AID**

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15 to 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:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

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

**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.

**FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT, CALL 1-866-944-8565.**

**STORAGE AND DISPOSAL**

**STORAGE:** Store in original containers only. Keep containers tightly closed when not in use. Store in a cool, dry well-ventilated area, preferably in a locked storage area away from children, feed and food products, and seed. Store above 32 °F/0 °C. Do not contaminate water, food, or feed by storage or disposal.

**DISPOSAL:** Do not reuse container. Completely empty container into application equipment. Thoroughly rinse container, adding rinse water to the spray tank.

**For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC 1-800-424-9300.**

**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

BEFORE BUYING OR USING THIS PRODUCT, read the Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary. LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, when the product is used in accordance with such Directions for Use under normal conditions of use. LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT SHALL BE LIMITED TO ONE OF THE FOLLOWING. AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

California Proposition 65: WARNING: This product contains chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.regulatory-info-lpi.com/>

Tests have not been carried out under all possible use conditions and Seller cannot and does not represent or warrant that the goods are compatible with all other chemicals or under all use conditions.

NUTRISYNC is a registered trademark of Loveland Products, Inc.  
ROUNDUP READY is a registered trademark of Monsanto Technology LLC.

F1548



Density: 9.95 lbs/gallon @ 68 °F  
Liquid Measure:       gallons (       liters)  
Net Weight:       lbs (       kg)  
Product code: 1000758501



Density: 9.95 lbs/gallon @ 68 °F  
Liquid Measure: 250 gallons (946.35 liters)  
Net Weight: 2,487.50 lbs (1,128.31 kg)  
Product code: 1000758504

GUARANTEED BY: LOVELAND PRODUCTS, INC.® • P.O. BOX 1286, GREELEY, COLORADO 80632-1286