



Nutrient Buffer 10-12-0

GUARANTEED ANALYSIS: 10-12-0

	BY WT.
Total Nitrogen (N)	10.0%
10.0% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	12.0%
Zinc (Zn)	1.0%

Derived from Urea, Phosphoric Acid and Zinc Sulfate.

PRINCIPAL FUNCTIONING AGENT:

Phosphoric Acid	12.0%
Constituents Ineffective as a spray adjuvant	88.0%
Total	100.0%

WA Reg. No. AW 65343-60002

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

DANGER

KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS

Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed or inhaled. Do not get in eyes, on skin or on clothing. Wear protective eyewear (goggles or face shield), chemical resistant gloves, coveralls worn over long-sleeved shirt and long pants, chemical resistant footwear and socks. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

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 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. 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. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice."

GENERAL INFORMATION

NOT FOR AQUATIC USE.

NUTRIENT BUFFER is formulated for use as an acidifying agent to lower the pH of alkaline waters. As a foliar nutrient, **NUTRIENT BUFFER** is intended solely as a supplement to a well-balanced, existing soil fertilization program. Nutrient Buffer 10-12-0 cannot be used for aquatic applications. Crystallization may occur due to freezing or low temperature. Such crystals will redissolve rapidly at room temperature with gentle agitation.

Compatibility: **NUTRIENT BUFFER** is specially formulated to be used in conjunction with normal pest control programs. **NUTRIENT BUFFER** is compatible with most phosphate, chlorinated hydrocarbon and carbamate based pesticides and with other foliar nutrients. **NUTRIENT BUFFER** is not recommended for use in conjunction with copper fungicides.



SPECIMEN

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. **STORAGE:** Store above 32°F in a well ventilated, dry area. **Disposal** - Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at www.acrecycle.org. Decontaminated containers may also be disposed of in a sanitary landfill.

RECOMMENDED USES

BUFFERING AGENT: Use ½-2 pints per 100 gallons. Adjust dosage to give a spray mix with pH 4.5 to 6.0. Avoid reducing the pH below 4.5 in pesticide combinations.

NUTRIENT USES: Directions for Dilution:

Aerial Application: 5-20 Gallons of water per acre.

Dilute: 200 Plus Gallons of water per acre.

Concentrate: 50-150 Gallons of water per acre.

NOTE: On waxy foliage or fruit add a spreader to smooth wetting and avoid spotting. Use under conditions conducive to rapid drying.

Alfalfa, Clover: Apply 2-4 qts. per acre when new growth reaches 6-8 inches. Repeat application to new growth after each cutting.

Apples, Pears: Apply 2-4 qts. per acre at petal fall. Repeat applications for two more cover sprays.

Artichokes: Apply 2-4 qts. per acre. Make applications at 2-3 week intervals as needed.

Beans, Corn, Peas: Apply 2-4 qts. per acre just prior to bloom or tasseling. Follow with a second treatment in 14-21 days.

Boysenberries, Blackberries, Raspberries, Strawberries: Apply 2-4 qts. per acre. Apply 3 times per year. Make first application prior to bloom.

Broccoli, Brussel Sprouts, Cabbage, Carrots, Cauliflower, Celery, Lettuce, Spinach: Apply 2-4 qts. per acre. Make 4 applications starting at thinning time. Repeat at 10 day intervals.

Citrus & Avocados: Apply 2-4 qts. per acre during periods of active growth. Multiple applications are recommended.

Cotton: Apply 2-4 qts. per acre at regular intervals throughout the growing season.

Grapes: Apply 2 qts. per acre. Make the first application at least 1 week prior to bloom. Make 2 additional applications; making the second application 2 weeks after bloom.

Peaches, Nectarines, Plums, Prunes, Apricots, Almonds, Cherries, Walnuts: Apply 2-4 qts. per acre. Make first application just prior to bloom. Make second application within 30 day period of first treatment. **CAUTION:** Do not use with Copper fungicides at either treatment.

Potatoes: Apply 1-2 qts. per acre when plants are approximately 6 inches high. Repeat in 3-4 weeks.

Rice, Wheat & Other Small Grains: Apply 2-4 qts. per acre at tillering and again in early boot stage. Repeat as necessary.

DISCLAIMER OF WARRANTIES: Seller warrants that the chemical composition of this product conforms to the chemical description given on this label. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS EXPRESSED, IMPLIED, OR STATUTORY, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. Timing, rate and method of application, weather and crop conditions, mixtures with chemicals not specifically recommended on this label or an accompanying written recommendation are beyond the control of seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. Buyer further agrees in the event of damages arising from the use of this product to accept a replacement of the product or a refund of the purchase price of the product, at buyer's option, as full discharge of seller's liability. No one is authorized to make any other warranty, guarantee or directions concerning this product, and no such warranties, guarantees or directions shall be valid or binding upon seller.

NUTRIENT BUFFER 10-12-0 1G WFS (PMD/PHT/LABELS R.4-10-03)

NET CONTENTS: 1 GALLON (3.785 Liters)



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