Buffering Agent

Nutrient Buffer 10-12-0

GUARANTEED ANALYSIS:
TOTAL NITROGEN (N) ................................................................. 10.0%
  10.0% Urea Nitrogen
AVAILABLE PHOSPHATE (P₂O₅) ..................................................... 12.0%
Zinc (Zn) .................................................................................... 1.0%
Derived from Urea, Phosphoric Acid and Zinc Sulfate.

PRINCIPAL FUNCTIONING AGENT:  BY WT.
Phosphoric Acid ................................................................. 12.0%
Constituents Ineffective as a Spray Adjuvant ....................... 88.0%
TOTAL ............................................................... 100.0%

WA Reg. No. 7001-09001

KEEP OUT OF REACH OF CHILDREN

DANGER
MAY BE CORROSIVE TO METALS.
CAUSES SEVERE SKIN BURNS AND
EYE DAMAGE. MAY CAUSE RESPIRATORY IRRITATION.

PRECAUTIONARY STATEMENTS:
Do not breathe mist / vapors / spray. Avoid breathing mist / vapors / spray.
Wash thoroughly after handling. Use only outdoors or in a well-ventilated
area. Call a poison center / doctor if you feel unwell. Specific treatment see
First Aid section on this label.
Personal Protective Equipment: Wear protective gloves / protective
clothing / eye protection / face protection. Wash contaminated clothing before reuse.

FIRST AID:
Immediately call a poison center / doctor.
IF SWALLOWED Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (OR HAIR) Take off immediately all contaminated
clothing. Rinse skin with water / shower.
IF INHALED Remove person to fresh air and keep comfortable for
breathing.
IF IN EYES Rinse cautiously with water for several minutes. Remove
contact lenses, if present and easy to do. Continue rinsing.

ENVIRONMENTAL HAZARDS
Do not contaminate water sources by cleaning of equipment or disposal of
wash water.

STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage or disposal.

Storage: Keep only in original container. Store above 32°F in a well-ventilated
place. Keep container tightly closed. Store locked up. Store in corrosive resistant
container with a resistant inner liner.

Disposal: Absorb spillage to prevent material damage. Dispose of
contents / container in accordance with local / regional / national regulations.
Wastes resulting from the use of this product must be disposed of on
site or at an approved waste disposal facility. 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.acrecyle.org. Decontaminated containers may also be disposed of in
a sanitary landfill.

NET CONTENTS: 2.5 GALLONS (9.46 Liters)

J. R. SIMPLOT COMPANY
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GUARANTOR: P.O. Box 198, Lathrop, CA 95330
RECOMMENDED USES

NOT FOR AQUATIC USE.

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, Brussels 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 tilling and again in early boot stage. Repeat as necessary.

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

DISCLAIMER OF WARRANTIES: J.R. Simplot Company warrants that the chemical composition of this product conforms to the chemical description and is reasonably fit for the purpose as stated on the label only when used in accordance with label directions under normal conditions of use. To the extent consistent with applicable law J.R. Simplot Company makes no other EXPRESS or IMPLIED WARRANTIES either OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. Handling, storage and use of the product by Buyer or User are beyond the control of J.R. Simplot Company and seller. To the extent consistent with applicable law, in no case will J.R. Simplot Company or Seller be held liable for consequential, special or indirect damages resulting from the handling, storage or use of this product.

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