



Buffering Agent

# Nutrient Buffer 10-12-0

## GUARANTEED ANALYSIS:

TOTAL NITROGEN (N) .....	10.0%
10.0% Urea Nitrogen	
AVAILABLE PHOSPHATE (P <sub>2</sub> O <sub>5</sub> ) .....	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%
<b>TOTAL</b> .....	<b>100.0%</b>

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



Manufactured for:  
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(208) 336-2110

SPECIMEN



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Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler, visit the ACRC web page at [www.acrcyle.org](http://www.acrcyle.org). Decontaminated containers may also be disposed of in a sanitary landfill.

## RECOMMENDED USES

### NOT FOR AQUATIC USE.

**BUFFERING AGENT:** Use 1/2 - 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 tillering 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 risks such as crop injury, ineffectiveness of other unintended consequences resulting from, but not limited to, ether or soil conditions, presence of other materials, disease, pest, drift to other crops or property or failure to follow label directions will be assume by the Buyer or Use; 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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