



10-12-0 Zn Nutrient Buffer Spray Solutions

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH CAUTIONS AND DIRECTIONS.

KEEP PRODUCT IN ORIGINAL CONTAINER. DO NOT PUT CONCENTRATED OR DILUTED PRODUCT INTO FOOD OR DRINK CONTAINERS. DO NOT STORE AT TEMPERATURES BELOW 32°F. AVOID PROLONGED STORAGE AT TEMPERATURES BELOW 40°F, SINCE CRYSTALS MAY FORM WHICH ARE DIFFICULT TO DISSOLVE.

PHT 10-12-0 Zn Nutrient Buffer Spray Solution is a concentrated foliar nutrient spray-buffering agent. It is designed to be applied alone or in combination with insecticidal, fungicidal and herbicidal sprays. It supplies the essential plant nutrients of nitrogen, phosphate, and zinc and provides buffering agents where these are needed to be used with insecticides, herbicides and fungicides. For proper buffering action, add to tank before addition of pesticide.

COMPATIBILITY PHT 10-12-0 Zn Nutrient Buffer Spray Solution is compatible with most insecticides. Use care when combining with copper fungicides since solubility of copper may be increased and cause plant injury. It is compatible with most other nutritional spray materials. Do not combine with 2, 4-D formulations, as a precipitate may form and herbicidal activity be reduced. If any question of compatibility arises, a small test batch should be made prior to full batch mixing. Note: Bait-type products may be less effective when mixed with **PHT 10-12-0 Zn Nutrient Buffer Spray Solution**.

DIRECTIONS:

ARTICHOKES: Apply two applications about 2-3 weeks apart, the last just prior to bloom. Use 1 qt. per acre in 10-30 gals. of water.

BUSHBERRIES, BLUEBERRIES, CRANBERRIES, STRAWBERRIES: Apply 1 qt. per acre in 30-50 gals. water just prior to first bloom. Repeat application once or twice during early fruiting period. Use 1 qt. per acre to 10-15 gals. water by air.

GUARANTEED ANALYSIS

Nitrogen (N)	10%
Available Phosphoric Acid (P ₂ O ₅)	12%
Zinc (Zn)	2%
Nitrogen derived from urea, phosphate from phosphoric acid, and zinc from zinc sulfate.	
Composition as Spray Buffer	
ACTIVE INGREDIENT:	
Zinc Sulfate	4.9%
Phosphoric Acid	15.8%
INERT INGREDIENTS:	<u>79.3%</u>
Total	100%

Calif Reg. No. 10951-50061 EPA Est. No. 10951-CA-5

CITRUS: Apply 1-2 qts. per 100 gals. with maximum 1 gal. per acre per application by ground. **By Air:** Apply 1 qt. in 15 to 20 gals. per acre. Do not exceed 1 qt. per acre by air. Application should not be made during the late fall and winter months, when fruit is on the trees.

COLE CROPS: Broccoli, Cabbage Cauliflower, Brussels Sprouts - Apply 1-2 qts. per acre in 30-50 gals. water by ground rig. Use 1 pt. per acre in 10-15 gals. water by air. Make first application after plants have become established followed by subsequent application at 3-4 week intervals until up to 2-3 weeks before harvest.

DECIDUOUS TREES AND GRAPES: Almonds, Apples, Cherries, Grapes, Nectarines, Peaches, Pears, Plums, Prunes and Walnuts - Apply 1-2 qts. per acre per application using sufficient water to cover. Use 1 qt. per acre in 10-15 gals. water by air. Make 2-3 applications per year starting with period prior to bloom. Caution (Table Grapes): May cause fruit spotting (injury) when used with other chemicals in concentrate applications.

FIELD CROPS: Alfalfa, Barley, Beans, Clover, Clover (Seed Crop), Corn, Cotton, Milo, Peanuts, Peas, Rice, Safflower, Soybeans, Sugar Beets, Wheat - Apply 1-2 qts. per acre in 30-50 gals. water. For aerial application use 1 qt. per acre in 10-15 gals. water. Make first application 2-3 weeks prebloom. For beans and peas make second application just before bloom. For cotton make 1-3 applications starting when squares first appear. For sugar beets make several applications at 10-20 day intervals beginning right after thinning.

HOPS: Apply 1-2 qts. per acre in sufficient water to cover. Make first application 3-4 weeks before cone formation followed by subsequent application at 3-4 week intervals. In a cover spray program use 1 pt. per 100 gals. water.

MINT: Apply 1 qt. per acre in 30-50 gals. water by ground rig. For air application use 1 qt. per acre in 10-15 gals. water. Make first application when plants have made 4-6 inches of growth in the spring. Repeat once or twice at 3-4 week intervals.

ORNAMENTAL TREES AND SHRUBS, FIELD & GREENHOUSE GROWN FLOWERS: Apply 1 qt. per acre in 30-50 gals. of water, using sufficient water to cover. Make 2-3 applications during the year starting with first application after plants have fully leafed out in the spring. For evergreen-type plants make first application in the spring when weather has warmed. For buffering purposes only, use 1 qt. per 100 gals. water.

VEGETABLE AND MELON CROPS: Cantaloupes, Celery, Cucumbers, Eggplant, Garlic, Italian Squash, Lettuce, Melons, Onions, Peppers, Potatoes, Spinach, Sweet Corn, Tomatoes - Apply 1-2 qts. per acre in 30-50 gals. water. Use 1 qt. per acre in 10-15 gals. water by air. Make initial application after thinning stage of growth. For lettuce continue applications at 8-10 day intervals, reducing application rate to 1 pt. per acre per application. For tomatoes, eggplant, and peppers continue applications at 10-15 day intervals into the early fruiting stage of growth.

KEEP OUT OF REACH OF CHILDREN CAUTION

Contact may cause eye or skin irritation

Avoid contact with eyes and prolonged contact with skin.

FIRST AID	
If in eyes:	<ul style="list-style-type: none"> 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 eyes. Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> 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.
<p>HOT LINE NUMBER Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact day or night, 1-800-424-9300</p>	

CONDITIONS OF SALE: 1. BRITZ-SIMPLOT GROWER SOLUTIONS LLC warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed hereon. **BRITZ-SIMPLOT GROWER SOLUTIONS LLC** neither makes, nor authorizes any agent or representative to make, any other warranty of **FITNESS** or of **MERCHANTABILITY**, guarantee or representation, expressed or implied, concerning this material.

2. Critical and unforeseeable factors beyond the control of **BRITZ-SIMPLOT GROWER SOLUTIONS LLC** prevent it from eliminating all risks in connection with the use of chemicals. Such risks include, but are not limited to, damage to plants and crops to which the material is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated hereon and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by **BRITZ-SIMPLOT GROWER SOLUTIONS LLC** under 1 above) resulting from handling, storage, and use of this material.

Formulated by

Britz-Simplot Grower Solutions LLC

P.O. Box 60011, Fresno, CA 93794

Net Contents: 5 Gallons (18.9L)