

Brandt® Nutrient Buffer 10-12-0

Buffering Agent

COMPOSITION AS SPRAY ADJUVANT

Principal Functioning Agents:

Phosphoric acid, Alkyl phenol ethoxylate, and Alkyl polyglycoside	19.25%
Constituents ineffective as spray adjuvant	80.75%
Total	100.00%

COMPOSITION AS NUTRIENT SPRAY

Guaranteed Analysis:

Total Nitrogen (N)	10.0%
10.0% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	12.0%
Manganese (Mn)	1.0%
Zinc (Zn)	2.0%

Derived from urea, phosphoric acid, manganese sulfate and zinc sulfate.

CA Reg. No. 48813-50026-AA

DIRECTIONS FOR USE

BRANDT NUTRIENT BUFFER 10-12-10 is designed specifically as a clear, foliar nutrient-buffer system containing nitrogen, phosphorus, zinc and manganese. This product, when used as directed, acidifies alkaline waters while providing a well balanced supply of foliar nutrients. Urea is utilized as the sole source of nitrogen to enhance uptake of all contained nutrients.

BRANDT NUTRIENT BUFFER 10-12-10 is a superior acidifying-buffering agent. Normal rates of 1-2 pints per 100 gallons of spray mix will lower the pH of alkaline water to levels of more optimal for maximum performance of most insecticides. Certain fungicides may also benefit from the addition of this product.

Read and follow the precautions, restrictions and recommendations on the labels of pesticides used with this product. Use according to the most restrictive label directions for each product in any tank mix.

COMPATIBILITY: BRANDT NUTRIENT BUFFER 10-12-10 is compatible with most insecticides and minor elements with the exception of compounds containing sabadilla used on citrus. However, if the desired combination has not been previously used, a compatibility test is recommended. Caution should be used with copper fungicides as this material may increase solubility.

MIXING: Shake well before using. Fill spray tank ½ full of water and begin agitation. Add the recommended amount of BRANDT NUTRIENT BUFFER 10-12-10. Add products as directed by label or in the following sequence and continue filling tank: (1) Dry flowables or water dispersing granules, (2) Wetttable powders, (3) Flowables, (4) Solutions, (5) Emulsifiable concentrates. Continue agitation until spray solution is completely mixed. Continuous agitation of finished spray is recommended. If spray solution has been allowed to stand, thoroughly agitate and remix before application. Thoroughly rinse the spray system with clean water after use to reduce corrosion.

RECOMMENDATIONS: Addition of a wetting agent or spreader is recommended to prevent beading of droplets. Avoid making applications to crops stressed from heat, drought, salinity, etc.

BRANDT NUTRIENT BUFFER 10-12-10 may be used as a foliar nutrient spray or buffer adjuvant on all field, fiber, forage, fruit, nut and vegetable crops.

Field, Row, Vegetable, Fruit, Tree and Vine Crops: Apply 1-2 quarts per acre per application throughout the growing season. Make 1-3 applications. More frequent applications may be needed to correct deficiencies once they occur.

Ornamental Crops: Apply 1-2 quarts per acre in sufficient water to cover.

Optimum rate of application will vary depending on soil properties (such as pH, organic matter content, texture), weather conditions, time of year, general crop health and crop species. For best results, follow soil test or plant analysis recommendation.

NET CONTENTS: ____ GALLONS / ____ LITERS

KEEP OUT OF REACH OF CHILDREN



DANGER

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Causes severe skin burns and serious eye damage. Harmful if swallowed. May cause damage to organs through prolonged or repeated exposure. Do not breathe mists or vapor. Wear protective eyewear, long sleeved shirt, long pants, shoes plus socks and chemical resistant gloves made of any waterproof material when mixing or handling concentrate. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Avoid release to the environment.

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.

IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a poison center/doctor if you feel unwell.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor.

STORAGE AND DISPOSAL

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

STORAGE: Store in a locked, original container away from children, animals, foods, feeds and seeds. Handle in accordance with Precautionary Statements. In the event of spillage or leakage, soak up the material with absorbent clay, sand, sawdust or other absorbent material. Scrape up and dispose in accordance with Product Disposal.

PRODUCT DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. 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 or local ACRC recycler, visit the ACRC web page at www.acrcycle.org. Decontaminated containers may also be disposed of in a sanitary landfill.

Information regarding the contents and levels in this product is available on the Internet at <http://www.aapfco.org/metals.htm>

Information about the components of this lot of fertilizer may be obtained by writing to Brandt Consolidated, Inc. and giving the lot number which is found on the label.

WARRANTY: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use; but neither this warranty nor any other warranty of merchantability or fitness of a particular product expressed or implied, extends to the use of this product contrary to label conditions, or under conditions not reasonably foreseeable to the seller; and buyer assumes the risk of any such use.

BRANDT®

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