

# Brandt<sup>®</sup> Hi-Phos 32

## Foliar Nutrient

8-32-7

### Guaranteed Analysis

Total Nitrogen (N) .....	8.0%
8.0% Ammoniacal nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	32.0%
Soluble Potash (K <sub>2</sub> O) .....	7.0%
Iron (Fe).....	0.1%
0.1% Chelated iron	
Molybdenum (Mo).....	0.001%
Zinc (Zn) .....	0.2%
0.2% Chelated zinc	

Derived from ammonium phosphate, tetrapotassium pyrophosphate, iron EDTA, sodium molybdate and zinc EDTA. F76

### ALSO CONTAINS NONPLANT FOOD INGREDIENT:

0.3% Humic Acid derived from Leonardite.

### General Information

BRANDT HI-PHOS 32 is a liquid fertilizer especially developed for applications directly to plant foliage to correct nutrient deficiencies. This product may also be applied in a band to the soil, as a side-dress and as a starter fertilizer with the seed or at seedling transplant. It is formulated with humic acids which may aid in the uptake of micronutrients.

### Rate Recommendations

#### Foliar Applications:

**Trees:** Apply 2-4 quarts per acre. Start as early as possible, usually at bud stage or just before first bloom. Continue applications at petal fall and at 10-15 day intervals after petal fall.

**Vegetable Crops:** Apply 1-3 quarts per acre just prior to first bloom or when plants are 3-4 inches tall, and continue at two-week intervals. Applications can be part of a regular spray program.

**Field Crops:** Apply 1-3 quarts per acre just before bloom or when plants are 3-4 inches tall. Apply four timely application during a regular spray program.

**Cotton:** Apply 1-3 quarts per acre when the first true leaves appear, one week before peak bloom, and 2 more applications at 2 week intervals following peak bloom.

**Wheat And Other Small Grains:** Apply 2-4 quarts per acre at boot stage or when plants are 8-10 inches tall, and again at heading as part of a regular spray program.

**Table Grapes:** Apply 1-3 quarts per acre when the canes reach 15-20 inches in length, at buckshot stage, and after shatter. Apply 1 quart per acre when bunches attain a length of 2-4 inches.

**Wine Grapes And Raisins:** Apply 1-2 quarts per acre beginning when canes are 2 inches in length, then 2-3 quarts per acre shortly before bloom, immediately after shatter and again 3 weeks after shatter.

**Net Contents: 2.5 gallons** (9.46 liters)

Density: 12.1 lb/gal @ 68°F

Net Weight: 30.0 lb (13.6 kg)

**Packaged: 2 x 2.5 gallons** (2 x 9.46 liters)

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**Soil Applications:** Use 1-6 gallons per acre pre-plant, at planting or within a few weeks after planting.

#### Dilution Rates

Aircraft & low volume sprayers:

Conventional sprayers:

Dilute spray:

Concentrated spray:

#### Volume per acre

5 gallon minimum

20 gallon minimum

200-500 gallons

50-150 gallons

Optimum rate of application will vary depending on treatment interval, soil properties (such as pH, organic matter content, texture), weather conditions, time of year, plant species and its nutrient requirements. For best results, follow soil/tissue test recommendation.

### Mixing and Handling Instructions

Fill mix tank with half of required water volume and begin agitation. Add products in this order, mixing thoroughly after each addition: adjuvants, pesticides, then fertilizers. Fill tank with remainder of water and continue agitation until solution is completely mixed. Check chemical mixture compatibility using a jar test prior to application.

**ATTENTION:** The application of fertilizing materials containing molybdenum (Mo) may result in forage crops containing levels of molybdenum (Mo) which are toxic to ruminant animals.

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

**Precautionary Statements:** Based on currently available data, this product is not classified as a hazardous substance. However, observe good industrial hygiene practices. Wash hands after handling. **Storage and Disposal:** Do not contaminate water, food or feed by storage or disposal. Keep out of reach of children. Store away from incompatible materials. Dispose of contents/container in accordance with local authority requirements.

**WARNING:** Cancer and Reproductive Harm-[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**LIMITED WARRANTY:** Brandt Consolidated, Inc. ("BCI") warrants that the Product conforms to the chemical description given on this label and is reasonably fit for the purpose stated when used in accordance with label directions under normal conditions of use. BCI and Seller make no other warranties, express or implied, including warranty of merchantability or fitness for a particular purpose. Buyer and User accept all risks arising from any use of this Product. To the extent allowed by law, BCI and the Seller shall not be liable to the Buyer or User of this Product for any consequential, special, incidental or indirect damages.

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