

# Brandt Reaction® P LS

## Nutrient Solution

### Guaranteed Analysis

Total Nitrogen (N) .....	2.0%
2.0% Ammoniacal nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	14.0%

Derived from monoammonium phosphate and phosphoric acid.

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### General Information

BRANDT REACTION P LS is a liquid plant food especially formulated to increase nutrient availability for correction of phosphate deficiencies. It quickly boosts plant growth during critical or high growth periods. This product is recommended for use on, but not limited to, vegetable and row crops, deciduous fruit and nut trees, citrus, avocados, vine and berry crops, ornamentals, turf (for professional use only), pasture and range grasses.

### Mixing and Handling Instructions

**Compatibility:** This product may be applied separately or in conjunction with most other fertilizers. It is compatible with most acid based fertilizers and other plant nutrients. However, a compatibility test is recommended if the desired combination has not been previously used. DO NOT mix with ammonium thiosulfate, potassium thiosulfate or other high pH or high free-ammonia products. When mixing this product with UAN 32, it is suggested to use up to one gallon of water per one gallon of UAN 32 to insure complete and thorough mixing. This product is a low pH material and should only be applied with suitable equipment.

**Application Method:** This product is most effective when applied through an irrigation system or banded. Soil applications can be incorporated in liquid fertilizer or applied separately. Accurate and properly calibrated injection equipment and an irrigation system that is operated at maximum distribution uniformity will help avoid plant injury and/or product ineffectiveness. For best results, with the exception of center pivot and lateral systems, apply this product toward the end of the irrigation set. Allow sufficient time for the product to be flushed completely out of the irrigation system prior to turning off the irrigation water.

**Mixing:** Add this product to a partially filled tank and slowly add the remaining water while maintaining constant agitation. Always add this product to the spray tank before adding other agricultural chemicals. To avoid potential phytotoxicity, test a small amount of solution on the intended target area to ensure plant compatibility prior to the planned application.

### Net Contents:

\_\_\_\_\_ gallons / \_\_\_\_\_ liters

Density: 9.4 lb/gal @ 68°F

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## 2-14-0

### Rate Recommendations

**Turf** (for professional use only on golf course greens, tees, fairways and roughs; sports turf):

Maintenance rate .....	5-10 gallons/acre
Moderate deficiency .....	10-15 gallons/acre
Severe deficiency .....	15-25 gallons/acre

**All other crops:** In the absence of a soil or leaf analysis to determine phosphate deficiency, apply the following rates:

Mild deficiency .....	1-5 gallons/acre
Moderate deficiency .....	5-15 gallons/acre
Moderate to severe deficiency .....	15-25 gallons/acre

After initial application, monitor plant nutrient levels and apply again as needed.

Do not apply near water, storm drains, or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn/garden. Check with your local Cooperative Extension Agency to obtain specific information on local turf best management practices.

In Virginia, this lawn fertilizer, which contains phosphorous, is intended only for nonagricultural use on (i) turf during its first growing season, (ii) turf areas being repaired or renovated, and (iii) turf where a soil test performed within the last 3 years indicates a phosphorous deficiency. This fertilizer is not intended for the routine maintenance of turf.

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.

**WARNING:** Causes eye irritation.

**Precautionary Statements:** Wash thoroughly after handling. **First Aid:** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention. **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 regulations.

**⚠ 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.

**BRANDT®**

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