

# Brandt Reaction® S DS

Water Soluble Fertilizer

21-0-0

## Guaranteed Analysis

|                           |       |
|---------------------------|-------|
| Total Nitrogen (N) .....  | 21.0% |
| 20.0% Ammoniacal nitrogen |       |
| 1.0% Urea nitrogen        |       |
| Sulfur (S) .....          | 23.0% |

Derived from ammonium sulfate and urea.

F76

## General Information

BRANDT REACTION S DS is a water soluble, soil-applied plant food designed to correct sulfur deficiencies. This product is especially formulated to promote sulfur uptake and metabolism. This product quickly boosts plant growth during critical or high growth periods and helps reduce stress caused by extreme weather conditions.

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.

Soil applications of this product can be incorporated in liquid fertilizer or applied separately. This product is most effective when applied through an irrigation system, banded or side dressed.

## Mixing and Handling Instructions

**Compatibility:** This product is compatible with acid based fertilizers and other plant nutrients. A compatibility test is recommended if the desired combination has not been previously used.

DO NOT use this product with ammonium thiosulfate, potassium thiosulfate or other high pH or high free-ammonia products. When mixing with UAN solutions, add one gallon of water for every one gallon of UAN solution and blend well before adding this product to insure complete and thorough mixing.

**Mixing:** Dissolve the recommended amount of this product into approximately one half the required water. Slowly add the remaining water while maintaining constant agitation. Water quality and temperature will determine maximum solubility. Warmer water temperatures increase solubility

and shorten dissolving time. As this product goes into solution, the water temperature will drop. Therefore it is important when preparing concentrated solutions to allow for this temperature drop to insure that the fertilizer is completely dissolved.

## Rate Recommendations

Dissolve 1-12 lb in sufficient water to treat one acre. Apply the following rates to the soil if you do not have a soil or leaf analysis:

|                                  |              |
|----------------------------------|--------------|
| Slight sulfur deficiency .....   | 1-4 lb/acre  |
| Moderate sulfur deficiency ..... | 4-8 lb/acre  |
| Severe sulfur deficiency .....   | 8-12 lb/acre |

After initial application, monitor petiole sulfur levels and repeat application as needed.

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 below.

WARNING: Causes serious 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 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.

**Net Weight:** 25 lb / 11.3 kg

27035BRN025

2018-12

LOT #

**BRANDT**®

Manufactured by:  
Brandt Consolidated, Inc.  
2935 South Koke Mill Road  
Springfield, Illinois 62711 USA  
[www.brandt.co](http://www.brandt.co)  
800 300 6559