

Brandt Reaction® K Mg LS

Nutrient Solution

Guaranteed Analysis

Soluble Potash (K ₂ O)	4.0%
Magnesium (Mg)	1.0%
1.0% Chelated magnesium	

Derived from potassium nitrate, potassium sulfate, potassium chloride, and magnesium EDTA. F76

General Information

BRANDT REACTION K Mg LS is designed to provide supplemental nutrition for correction of K and Mg deficiencies. It helps increase plant strength and builds resistance to winter kill, drought stress and abiotic stress by supplying Mg, the central component of chlorophyll. This product has a low salt index, so it is ideal for use as a starter or sidedress product injected into the soil. This product is recommended for use on, but not limited to, vegetable and row crops, deciduous fruit and nut trees, citrus, avocados, and vine and berry crops.

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.

Net Contents:

_____ gallons / _____ liters
Density: 9.39 lb/gal @ 68°F

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2018-12

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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.

Rate Recommendations

In the absence of a soil or leaf analysis to determine potassium and/or magnesium deficiency, apply the following rates:

Deficiency	Annual Crops	Permanent Crops
Mild	2-6 gal per acre	5-10 gal per acre
Moderate to Severe	6-10 gal per acre	10-20 gal per acre

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

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 regulations.

⚠ **WARNING:** Cancer and Reproductive Harm-
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.

Guaranteed By:
Brandt Consolidated, Inc.
2935 South Koke Mill Road
Springfield, Illinois 62711 USA
www.brandt.co
800 300 6559

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