



X SODIS™ 3-0-0 15%Ca



Features and Benefits

A complexed liquid calcium and magnesium gluconate product. Designed to help manage stress conditions and remediate sodium salt accumulations in plants, turf and soil.

The high, readily available concentration of free exchangeable Calcium, Magnesium and carbohydrate ions, enhances the plants ability to prevent and overcome stress-induced deficiencies, while rapidly displacing sodium on the cation exchange sites of soil colloids.

The combined Calcium and Magnesium gluconate in a proprietary patent-based technology provides a rapid and prolonged carbohydrate and Calcium feed for turf, plant tissue and root systems.

PRIMARY USES

- Provides vigor to alleviate plant and turf stress
- Improves plant and turf stress tolerance
- Remediate sodium stress in plants and turf
- Promotes readily available Calcium to plants, turf and soil

Application Modes

- Foliar Spray
- Fertigation Injection
- Drip Irrigation

Application Times

- During plant and turf stress periods
- Pre and post plant/turf dormancy
- Pre and post plant/turf plantings

Application Rates

Foliar Spray: Apply 90 to 225 ml per 100 m² (3 to 7 oz. per 1,000 sq. ft.) during stress periods. Repeat every 7-14 days as stress conditions persist.

Flushing: Apply 225 to 450 ml per 100 m² (7 to 14 oz. per 1,000 sq. ft.) (23.5 to 47 l/ha or 2.5 to 5 gal/acre) to remediate excess sodium, bi-carbonates & chlorides.

Fertigation: Apply 23.5 to 47 l/ha (2.5 to 5 gal/acre) 3 to 4 times per year. Set injection systems to dispense Xsodis over a 3 to 4 day water cycle.

	Amount of Actual Nutrient (lbs.) per 1,000 sq. ft.		
	3 ounces	7 ounces	14 ounces
Nitrogen	0.00772	0.01931	0.03862
Calcium	0.03862	0.09655	0.19310
Magnesium	0.00515	0.01287	0.02575
Boron	0.00077	0.00193	0.00386



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GUARANTEED MINIMUM ANALYSIS

Total Nitrogen (N)	3.0%
3% Nitrate Nitrogen	
Calcium (Ca)	15.0%
Magnesium (Mg).....	2.0%
Boron (B) (actual)	0.3%
Derived From: Calcium nitrate, Magnesium nitrate, Calcium gluconate, Magnesium gluconate, Boron Gluconate.	

Application Recommendations

- Use during ambient temperature conditions is *always* recommended to help prevent and alleviate stress.
- Apply post aeration for the best calcium feed and/or sodium relief to turf and plants.
- Use with soil penetrants, wetting agents and surfactants for increased plant nutrient uptake, stress relief and sodium remediation.
- For optimum efficacy, should be applied monthly to heavily trafficked areas and during peak plant and turf stress periods.

Physical Characteristics

Dark amber liquid concentrate. pH 5.5+

Density. 1.30 (20°C)

Handling and Precautions

Mixable and compatible with most products except Sulfates and Phosphates in large quantities.

Store in dry place. Avoid direct sun, heat or fire. Decomposition may occur at high temperature (above 220°F/107°C). May be corrosive to some materials over time. Mildly harmful if swallowed or inhaled. Avoid eye contact and prolonged or repeated contact with skin. Wash thoroughly after handling. Keep out of reach of children and pets. Products efficacy may deteriorate after four years.

Do not use Xsodis™ with Sulfate or Phosphate products. Thoroughly rinse all containers and equipment with cold water pre and post application!