

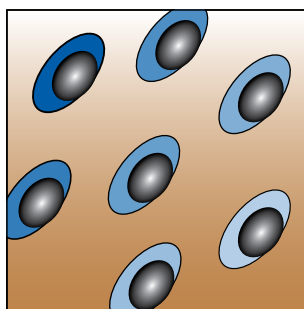
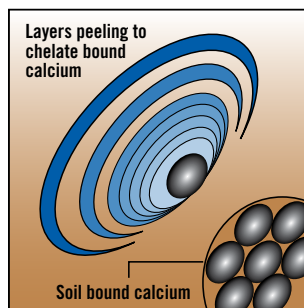
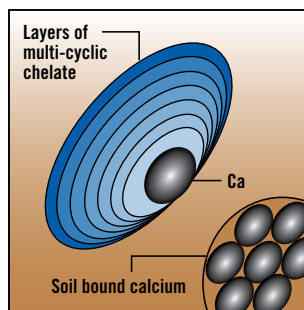


CALPHLEX

LIQUID SOIL CATALYST

Calphlex is a multi-cyclic chelate technology designed as a catalyst for making nutrients available for turfgrass uptake. *Calphlex* can be utilized as an economical tool for effective management of:

- Making Nutrients Soluble (Ca, Mg, P, Fe)
- Reduction of Excess Sodium (Na⁺)
- Reduction of Excess Chlorides (Cl⁻)
- Reduction of Bicarbonates



END RESULT: Chelated Soluble Calcium

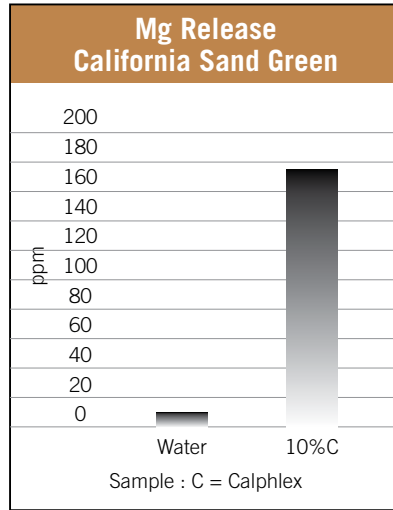
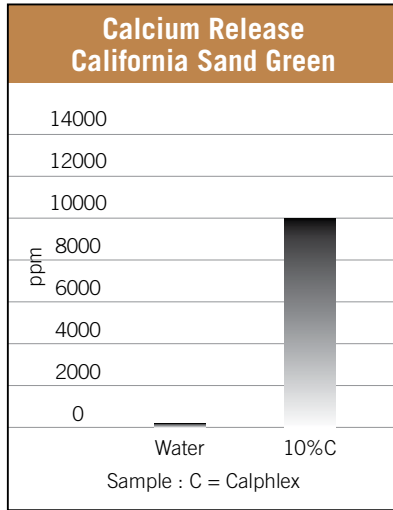
Calcium is both a critical nutrient for plant growth and a primary element in healthy soil functioning.

Calphlex is a highly soluble product which may be applied as a catalyst to create linear availability of calcium. The multiple glutaric acid chelation of *Calphlex* provides cyclic reactivity in the soil which promotes conversion of insoluble calcium to soluble form, extending effectiveness far beyond *Calphlex's* actual calcium content.

The soil is a constantly changing chemical and physical complex. Its healthy functioning and therefore, its ability to support plant growth, is dependent on the presence, availability, and balances among many elements. *Calphlex* can be tank mixed with *Pervade* as flushing tools to aid in the reductions of excess sodium, chlorides, and bicarbonates.



TECHNICAL INFORMATION



Data from MDSHarris Labs - January 14, 2002

NUTRIENT CONTENT

Calcium (Ca) 8.00%

Derived from calcium glucoheptonate.

Net Weight: 12.00 lb/gal
1.438 kg/L

Superintendent Tips

- **Calphlex** and **Maxiplex** in combination soil spray applications have proven results in soil flocculation and nutrient availability.

PROFESSIONAL USE GUIDELINES

APPLICATION: Apply with any equipment that delivers an even coverage to the targeted area. Ideally, **Calphlex** should be watered in within 6-12 hours.

RATE OF APPLICATION: If soil tests show exchangeable calcium greater than 500 ppm, **Calphlex** should be applied at 3-6 fl oz / 1000 sq ft (10-20 L/ha). Higher rates up to 12 fl oz / 1000 sq ft (40 L/ha) may be necessary for treatment of highly problematic soil conditions.

COMPATIBILITY: **Calphlex** is compatible with all Floratine soil products. Tank mixing should never be attempted with any other product unless definite compatibility is predetermined by using the standard jar test. For best mixing results, remove tank strainer prior to product addition. Shake well before using.



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