



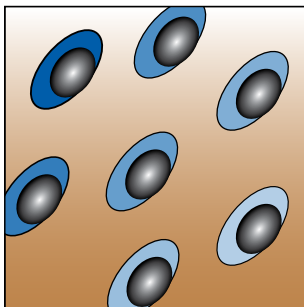
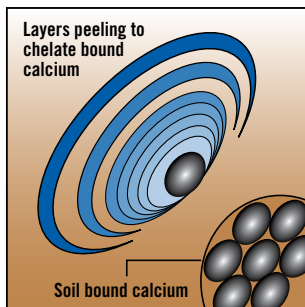
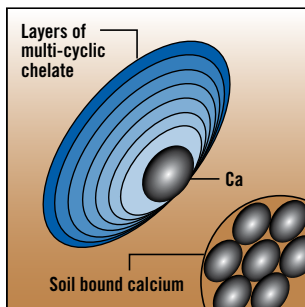
CALPHLEX

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

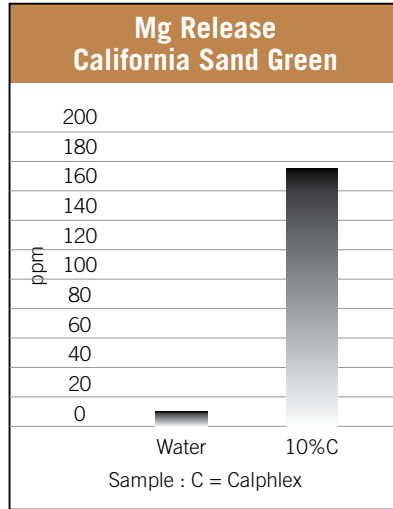
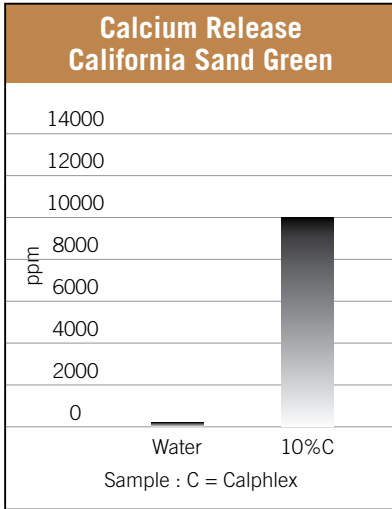
Calcium is both a critical nutrient for plant growth and a primary element in healthy soil functioning.

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) 8,0%
 or Calcium Oxide (CaO) . 11,2%

Net Weight: 1,411 kg/L

Superintendent Tips

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

PROFESSIONAL USE GUIDELINES 3

COMPATIBILITY: Calcium compounds are generally not compatible with a wide range of other products that are sprayed on turfgrasses, and tank mixing should never be attempted with any other product unless definite compatibility is predetermined by using the standard quart jar method. Do not tank mix with non-Floratine products that contain humic acids or acid base, carbonated, or neutral liquid fertilisers.

APPLICATION DIRECTIONS: Apply at spray rates between 500 and 800 litres per hectare with any equipment that delivers a fine even mist. Ideally, **Calphlex** should be watered in within 6-12 hours.

SPECIFIC APPLICATION: Apply 10-20 litres per hectare depending upon severity of problem. Subsequent monthly applications of 15 litres per hectare may be required on sand greens and tees and other porous soil types.



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