



CALCIUM CHELATE 8% 6-0-0

With 8% CHELATED CALCIUM

- LIQUID FOR EASY APPLICATION
- CORRECTS CALCIUM DEFICIENCY

GUARANTEED ANALYSIS:

Total Nitrogen (N) 6%
 3.2% Urea Nitrogen
 2.8% Nitrate Nitrogen
 Calcium (Ca) 8%
 8% Chelated Calcium (Ca)
 Derived From: Technical Grade Low Biuret Urea, Calcium Nitrate. Chelating Agent: Citric Acid.
 Weight per gallon 10.6 lbs.
 Weight per litre 1.27 kg
 Each gallon contains 0.84 lbs Calcium
 Each litre contains 0.1 kg Calcium
 Freezing temperature 32°F

PRODUCT DESCRIPTION:

Calcium Chelate 8% is a calcium / nitrogen complex that is 100% soluble and allows immediate plant uptake through both the leaves and root tissue. Calcium is known to be essential for plant membrane integrity, proper cell division and overall plant vigor and stiffness. It is important in cell wall bonding and promotes enzyme activation for starch conversion. Calcium Chelate 8% can be used during hot weather to reduce stress during times of high transpiration. As with all Growth Products fertilizers, our Calcium Chelate is a true solution. Calcium Chelate 8% provides the plant with immediately available calcium along with nitrogen for correction of calcium deficiencies. Calcium Chelate 8% is amine compatible and can be used with herbicides, insecticides and fungicides. Calcium is also important to improve soil structure, reduce salt build up and soil compaction from road salts and urban stress.

APPLICATION RECOMMENDATIONS:

When determining the application rates of Calcium Chelate 8%, it is important to check both tissue and soil sample analysis for calcium levels. Since calcium is the second highest percentage in plant tissue, it is important to correct any deficiencies early in the spring and continue to apply throughout the growing season. Hot weather will also aggravate calcium deficiencies. Calcium deficiencies become evident at terminal bud growth, with hooked malformation and finally dying back.

Turf Applications: Apply Calcium Chelate 8% from 3 to 6 oz. per 1,000 sq. ft. every 21 days where calcium is known to be deficient. Warm season grasses such as Bahia, Centipede and Zoysia may require higher application rates. For Rye overseeding, calcium will improve stand and tolerance to heat. For cool season grasses, begin application of 3 to 6 oz. per 1,000 sq. ft. in early

CAUTION: This is an acidic material. Keep out of reach of children. In case of contact with eyes, flush immediately with copious amounts of water. Contact a physician. Do not take internally.

- HELPS REDUCE SOIL COMPACTION
- TECHNICAL GRADE, LOW BIURET UREA

spring and continue through the growing season.

Soil Conditioning: Calcium is often used to improve the cation exchange capacity of the soil, raise pH of soil and help reduce the build up of toxic salts. Check soil analysis for calcium requirements. Apply 6 oz. per 1,000 sq. ft. for remedial soil deficiencies four times per year. For sand tees and greens monthly application will be required to improve cation exchange.

Calcium Per Liquid Ounce (ml)	
Calcium Chelate 8%	Calcium Rate
18 oz 496 ml	1/8 lb. Ca 50 g Ca
37 oz 1 L	1/4 lb. Ca 100 g Ca
50 oz 1.5 L	1/3 lb. Ca 150 g Ca
74 oz 2 L	1/2 lb. Ca 200 g Ca
Apply at desired calcium rate per 1,000 FT ² (100 m ²)	

STORAGE & HANDLING:

Storage: All Growth Products Professional Liquid Fertilizers can be stored in a normal warehouse area and are not affected by heat or freezing temperatures. Calcium Chelate 8% does not need any special agitation. It has a neutral pH and is not corrosive or abrasive.

Dilution: Calcium Chelate 8% can be diluted by either adding the concentrate to water or the water to concentrate without any detrimental effects on the final mixed product. Appropriate quantities of water should be added prior to adding potassium and phosphates, or pesticides, fungicides and herbicides.

Mixing: Calcium Chelate 8% must first be diluted with water prior to mixing with other nutrients or pesticides. The following mixing procedures should be used after Calcium Chelate has been diluted with water. Add products to mix in this order: 1. wettable powders, 2. flowables, 3. water solubles, 4. surfactants, 5. emulsifiable concentrates. Be sure to agitate during each addition, mix well before adding next product. Apply all of mixture that day. Do not mix with strong alkaline materials.

Manufactured By:

