

# Calron<sup>®</sup> Soil

AN ADVANCED 8% CALCIUM SOIL FORMULATION



Calron<sup>®</sup> Soil is a premium, soil applied product that is built with a proprietary blend of FBS Transit, our patented technology that promotes the uptake and translocation of nutrients within the plant. Calron Soil delivers a fully chelated calcium to ensure it stays highly soluble in soil solution. Due to its acidic properties, not only does it provide calcium that is immediately plant available, it also solubilizes calcium already present in the soil. With a lower nitrogen content than most other calcium fertilizers, is especially useful during fruit growth when calcium is desired but excess nitrogen is not.

- Helps with Cellular Strength for Fruit Quality & Natural Disease Resistance
- Overcomes Soil Tie-Ups
- Improves Stress Resistance
- Improves Calcium Uptake
- Resolves Calcium Deficiency
- Enhances Fruit Storability
- Improves Plant Health & Quality

## Calron Soil Resolves Calcium Deficiencies



Calcium Deficient Leaves



Healthy Leaves

Symptoms of Calcium Deficiency include:

- Curling of the Edges of Newest Leaves
- Plant Height & Leaf Area Reduced
- Symptoms Show First on New Leaves
- Sunken, Decaying Areas at the Blossom End of the Fruit
- Plants are Less Turgid & More Susceptible to Wilting
- Less Nodulation on Legumes

# Calron® Soil

## TECHNICAL INFORMATION

The nutrient and organic compounds in Calron® Soil address calcium deficiencies commonly present in many soils.

### Importance of Calcium in Plants

Calcium is essential for respiration, cellular strength, and rooting of a plant. Calcium is critical in cell division and cell wall integrity, which in turn, strengthen the plant structure. Uptake of calcium is primarily through the new root hairs and the root tip. The new growth and rapidly growing tissues of the plant are affected first by calcium deficiency, which can leave the plant vulnerable to other disease-causing organisms.

**Root Exudates:** Plants naturally produce root exudates in order to absorb soil minerals. Plants may have difficulties producing them under adverse conditions. However, the Calron Soil formulation not only assures the plants' ability to get full use of the calcium, but also allows the plant to absorb other minerals in the soil such as iron, calcium and potassium.

## RECOMMENDATIONS & COMPATIBILITY

For applications on all crops apply 1 to 8 quarts per acre any time during the growing season. Repeat as needed. Calron Soil may be applied in combination with other FBSciences' products.

Calron Soil is designed for soil application in advance of visual deficiencies and may not be as effective as a foliar application. For foliar applications, BounceBack® Foliar is an 8% calcium designed to be used throughout the growing season.

DO NOT tank mix with phosphate fertilizers unless they have a low pH (below 2.0). When mixing Calron Soil with other materials, always establish compatibility using the standard quart jar method prior to tank mixing. Products that contain sulfates may require agitation to assure compatibility.

See product label for complete Directions For Use.

## 3-0-0 GUARANTEED ANALYSIS

**Total Nitrogen (N)** ..... **3.0%**

**3.0% Nitrate Nitrogen**

**Calcium (Ca)** ..... **8.0%**

Derived from: calcium gluconate and calcium nitrate.

### Net Weight

11.8 lbs per Gallon @ 68° F

1.4 kgs per Liter @ 20° C

## ESSENTIAL ON A WIDE VARIETY OF CROPS

