



## High Ca

**A concentrated form of calcium containing carbohydrates & L-Form Amino Acids  
readily absorbable by the plant.**

### **FEATURES AND BENEFITS.**

- Foliar applied calcium for turf to correct any calcium deficiencies.
- Contains simple carbohydrates to relieve stress symptoms.
- Improved disease tolerance by helping to build stronger cell walls.
- Unique tank mixing compatibilities.
- Low and economical application rate.

### **HOW HIGH CA WORKS?**

Calcium is an important cell wall constituent (as calcium pectate), helping to strengthen the walls. It is also known to be involved in cell division, root and leaf development and phosphorus availability.

Calcium mainly occurs in leaves and stems but it is relatively immobile within the tissues. It is also present in the soil, levels are related to magnesium, potassium and sodium. It may also be deficient in alkaline soils since calcium is present in an insoluble form.

Using the Larkstel High Ca, Liquid calcium will overcome the problems of calcium deficiencies in the plant.

#### **L-Form Amino Acid**

Larkstel High Ca also contains L-form Glycine Amino Acid which acts as a complexing agent for foliar nutrients, ensuring efficient uptake and produces stable complexes over a wide pH range.

When stress situations occur, there is a greater demand for Amino Acids than the plant can meet. Larkstel High Ca containing L-form Glycine provides the plant with amino acid it can utilise to cross the membranes of cells into the root under stress conditions.

#### **Carbohydrates**

In addition, Larkstel High Ca contains naturally derived simple carbohydrates. These short chain carbohydrates (glucose, sucrose, & fructose) are ideal for foliar feeding. When the plant is under considerable amounts of stress it cannot produce enough carbohydrates itself to meet demands. Carbohydrates within Larkstel High Ca provide an immediate energy source for the plant to relieve stress symptoms.

### **APPLICATION RATE.**

#### **Application Rate: 5-10lts per ha in 400-500lts of water**

Half fill the sprayer with clean water, add the appropriate amount of Larkstel High Ca, fill with remaining water whilst agitating. The product may be used at any time of the year providing the turf surface is dry and rainfall is not imminent. May be applied every 2 weeks throughout the season. No watering in required.

