



Sustainable Solutions Ltd.



CAL-HIGH

0-0-0-6Ca



Chemical composition

Component	Typical Analysis
Calcium (Ca)	6%

Physical properties

Property	Typical Value
Appearance	Liquid
Specific Gravity	1.09

Available sizes: 20L, 1000L

Introduction

This liquid calcium formula can be used in a wide variety of indoor and outdoor crops as a highly absorbable, fast-acting calcium. This acid-treated calcium formula is designed to meet the immediate calcium needs of deficient crops. Calcium is a key structural component of plants that increases stress tolerance to biotic and abiotic factors. It also helps in increasing shelf life, impart uniform appearance, and flavor quality. Calcium plays several important roles in a plant's growth and development including transport of other nutrients in the plant. Calcium also contributes to strong cell walls in the plant, which leads to stronger disease and pest resistance. Additionally, calcium is vital for root and leaf development. Strong roots and larger leaves absorb more water and nutrients from the soil and extract more energy from sunlight.

Suggested application rates & method

If your soil pH is too low or too high, the plant will have difficulty absorbing certain nutrients. For instance, as soil pH goes below 6.0, the availability of calcium starts to decline rapidly. The same thing happens when soil pH goes above 8.5. Hence it is recommended to consult an agronomist for best advice based on local farm conditions.

Typical use of CAL-HIGH is as prescribed below:

- **Various Berry Crops:**

Foliar application – 1.5 - 3 L/acre. Apply 2-3 times during, season using a fogging nozzle.

Drip application – Apply dilution rate of 1:1000 - 1:2000 (0.5-1 ml/L) occasionally along with other fertilizers.

Continuous feed program – Apply higher dilution rate of 1:2000 (0.5 ml/L)

For occasional use – Apply a lower dilution rate 1:500 - 1:1000 (1 - 2 ml/L)



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- **Orchards:** 3 - 5 L/acre via foliar application, depending on crop's age and stage. Apply 2-3 times during the season. CAL-HIGH can be mixed with other foliar products after testing compatibility.
- **For general open field:** 2 - 3 L/acre; apply 2 - 3 times during the season.
- **For general home and garden:** 1.5-2.5 ml/L via foliar or drench application.

Special notes

- If used in nutrient tanks, keep the solution aerated or agitated.
- Run a small rinse cycle after using any organic liquid in drip or spray tanks.
- Check compatibility before mixing with other products, especially with pesticides and water-soluble fertilizers.
- Avoid spraying open blooms in case of ornamental crops to avoid stain.
- Consult an agronomist or crop consultant for best advice based on local farm conditions.

Precautionary Statement

Keep out of reach of children and animals. Wear protective clothing and equipment when handling the product. Avoid inhalation of spray and dust. As the product is concentrated, it is advised to avoid immediate contact with eyes, skin, and other body parts.

Storage and Disposal

Keep in a cool dry place, out of direct sunlight, and of reach of children, pets, and livestock. Follow directions for fertilizer storage as per local guidelines. Recycle the package in accordance with local, provincial, and federal regulations.



This information is presented as general guidelines only. It is recommended that the user consults with an agronomist for an appropriate application rate. VIVIGRO disclaims any responsibility or liability for any loss or damage that may occur from any reliance on, or other use of, the above product information.