

# AGRICAL

## Introduction

The importance of calcium as an essential plant nutrient is often overlooked. Calcium is a primary constituent of cell walls and membranes. It helps in mobility and translocation of minerals within plant tissues. Its deficiency adversely affect cell division, impair the structural stability, permeability of cell walls, thus, have vital role in plant growth and production.

AGRICAL, an organic based fertilizer, is formulated with a proprietary, organic chelating agent that promotes the uptake and translocation of Calcium in plants. Apart from supplying Ca it also enhances uptake of other macro and micronutrients in plant tissue. An early application can make a good crop even better by stimulating vigorous regrowth and maximizes growth at critical stages.

AGRICAL increases calcium concentration in produce, hence, increases storage life and improves resistance in plant against a range of physiological break down conditions including water core, bitter pit and internal browning.

## Benefits

- Improves Nitrogen use efficiency.
- Increase yield and quality of the produce.
- Help in translocation of nutrients towards actively growing parts, into seed, fruit and tubers.
- Enhances metabolism within the plants and creates a greater pull of nutrients from the soil.

## Guaranteed Minimum Analysis

<b>Total Nitrogen (N)</b>	<b>7.0%</b>
<b>Soluble Potash (K<sub>2</sub>O)</b>	<b>3.0%</b>
<b>Chelated Calcium (Ca)</b>	<b>15.0%</b>
<b>Copper (Cu) EDTA</b>	<b>0.05%</b>
<b>Zinc (Zn) EDTA</b>	<b>0.05%</b>

## Product Characteristics

**Appearance:** Yellowish Green Liquid  
**Specific Gravity:** 1.40 g/ml  
**pH:** 5.0 – 5.5

## Ingredients

Calcium Nitrate, Calcium (Ca) EDTA, Potassium Nitrate, Copper (Cu) EDTA, Zinc (Zn) EDTA, Plant Extracts and Humic Acid Derivatives.

## Direction of Use

Use before critical reproductive growth stages to compensate for stress due to adverse growing conditions or poor nutrient availability.

### Doses:

**General:** 1.5 to 2 litres/acre depending on crop.

**Fruit trees & orchard plantations:** 3 – 4 litres/acre.

**Shrubs & vines:** 1 – 2 litres/acre.

## Packaging Sizes

10 L, 205 L, 1000 L.

Additional sizes are available on request.

## Storage & Cautions

- Shake well before use.
- Store Product in a cool and dry place in original container.
- Test compatibility with other products prior to use.
- Avoid contact with skin & eyes and inhalation of spray/dust.
- Recycle container in accordance with federal and provincial regulations.
- Keep product out of reach of children.

## Conditions of sales and limitations of Warranty & Liability:

There are no implied warranties of merchantability or fitness with respect to the product, nor are there any expressed warranties other than as many be contained in any guaranteed analysis that may accompany the product. Seller shall not be liable for any special indirect, incidental or consequential damage or expense of any nature, including but not limited to lost products, property damage or Seller's liability is limited to refund of purchase price as per return policy of company.