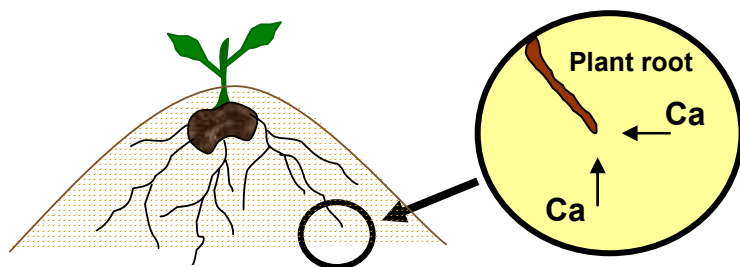


# Calcium Nutrition

Omnia's calcium products provide the ideal combination to ensure maximum calcium uptake for better crop yield and quality

## Calcium is~

- Highly immobile in plants and very prone to lockup in the soil
- The most important element for healthy root growth and development of strong cell structures in plants.
- Taken up by plants mainly by the developing cells of young root tips; once matured, these root cells no longer take up calcium.



Calcium taken up into plants only via the young root tips.

## Calcium plays an important role in~

- Improving fruit quality and shelf life by combating;
- bitter-pit in apples
- blossom-end-rot in tomatoes, capsicums and melons
- tip-burn in lettuce
- crack-out percentage on macadamias
- creasing in citrus
- internal browning of potatoes

## The key function of Omnia's calcium products

**Omni Cal** (Calcium Nitrate) - A soluble granular for field, fertigation and foliar applications.

- Provide your plants with readily available calcium and easily absorbed nitrogen
- Highly soluble and practical for field, foliar and fertigation applications
- Excellent for applications in early spring growth
- Suitable for tree, vine and vegetable crops

**Folical 19** - highest nitrogen-free calcium and value for money

- Provides superior plant uptake of calcium through foliar and root system
- Highly soluble and practical for field, foliar and fertigation applications
- Excellent Nitrogen-free calcium for fruit and crop development stage of growth
- Approved by Hort research in New Zealand for application and dipping in apples

**HumaCal™** (Humate/Calcium Combination Product) - a formulation promoting both increased root growth and improved calcium nutrition immediately after application and over the growth season

- Provides fast release and slow release calcium for plant nutrition and
- Provides fast release and slow release humic acids for promoting root growth
- Improves soil structure and moisture retention
- Suitable for soil bed establishment and maintenance programs

