



DUAL CHELATE
FERTILIZER
THE SCIENCE IN PLANT NUTRITION

CRYSTAL CAL N (CALCIUM NITRATE LIQUID)

NPKS 14.8 - 0 - 0 - 0

+ 17.8% Calcium, Patented Organic Activators (CPPA)

Crystal Cal N is a Calcium Nitrate liquid fertiliser with Patented Organic Activators (CPPA) designed to support strong new plant growth and also improve product quality and shelf life.

Benefits of Crystal Cal N (Calcium Nitrate Liquid)

Increases plant development and vigour whilst encouraging greener growth and larger yields.

Assists in reducing the occurrence of plant disorders such as blossom end rot and bitter pit whilst also improving shelf life.

Increased nutrient uptake and translocation of other elements through Patented Organic Activators (CPPA).

Enhances chlorophyll production and improves the photosynthesis reaction for better sugar accumulation.

The Importance of Nitrogen

Nitrogen is essential for all plant growth and development and is a major component of the chlorophyll molecule required for plant available energy.

The Role Of Calcium

Calcium assists in maintaining the structural integrity of plant cell walls which increases plant resilience towards stresses.

Calcium also plays a key role in fruit production by increasing fruit firmness, ensuring uniform fruit sizing and ripening and also assists in lengthening produce shelf life after harvesting.

The Benefits of CPPA

CPPA is a group of organic acids which enhance various plant physiological functions such as nutrient absorption, shoot and root growth, germination and seedling emergence.



CRYSTAL CAL N [CALCIUM NITRATE LIQUID]

Physical Properties - pH: 5.0 - 6.0, Specific Gravity: 1.4 - 1.5 Kg/L
Analysis W/V%: 14.78% N, 17.75% Ca, Patented Organic Activators (CPPA)

Application Guide

Crop	Foliar	Fertigation	Comments
Broadacre Wheat, Barley, Canola, Cotton, Maize, Rice, Sorghum, Triticale, Pasture	1.5 - 3 L/ha diluted in 60-100L of water	5 - 10 L/ha	Apply during 3-4 leaf stage and as required.
Tree Crops - Deciduous: Almond, Stone fruit, Pome fruit, Pistachio, Walnut, Hazelnut	4 - 6 L/ha diluted in 250-500L of water	10 - 30 L/ha	Apply during active growth periods and at post-harvest.
Tree Crops - Evergreen: Avocado, Citrus, Macadamia, Lychee, Mango, Olives	3 - 8 L/ha diluted in 250-500L of water	10 - 30 L/ha	Apply during active growth periods and at post-harvest.
Fruiting Vegetables: Tomatoes, Capsicum, Cucurbits, Eggplant	3 - 8 L/ha diluted in 250-500L of water	10 - 20 L/ha	Apply during active growth stage.
Leafy Vegetables: Lettuce, Broccoli, Cabbage, Cauliflower, Kale, Herbs	2.5 - 4 L/ha diluted in 250-500L of water	5 - 15 L/ha	Apply as required, every 7 - 14 days from early growth to harvest.
Root Vegetables: Potato, Sweet Potato, Carrot, Beetroot, Leek, Onion, Radish	3 - 8 L/ha diluted in 250-500L of water	10 - 15 L/ha	Apply during early vegeta- tive growth.
Vine and Berry Crops: Wine and Table Grapes, Blueberry	2.5 - 4 L/ha diluted in 250-500L of water	10 - 25 L/ha	Apply during shoot develop- ment and early flowering and before harvest. DO NOT exceed maximum rate.



FOLIAR



FERTIGATION

Disclaimer: Please be aware that fertiliser can burn and or damage crops and pasture. Visible nutrient deficiency symptoms, analytical results and nutrient removals are the most commonly used criteria to determine the appropriate application rate. There are a number of factors including (but not limited to) weather, soil conditions, application methods, irrigation and management practices which are beyond the control of Dual Chelate Fertilizer and cannot be foreseen. Therefore, Dual Chelate Fertilizer accepts no responsibility what so ever for any damage, loss or other consequences following the use of this guide or product.