



**DUAL CHELATE**  
**FERTILIZER**  
THE SCIENCE IN PLANT NUTRITION

# CRYSTAL CAL N B

**NPKS 14.8 - 0 - 0 - 0**

**+ 17.8% Calcium, 0.2% Boron, Fulvic Acid**

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**Crystal Cal N B is a Calcium Nitrate liquid fertiliser with Boron and Fulvic Acid designed to support strong new plant growth and also improve product quality and shelf life.**

## **Benefits of Crystal Cal N B**

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.

Improves flowering and fruiting by promoting pollen germination and pollen tube elongation.

Boron is essential for seed and fruit development and reduces the occurrence of poor seed set and fruit set.

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 Boron**

Boron is vital for flower production and pollination by improving pollen germination and fertilisation. Boron also greatly assists in the production and movement of sugars and carbohydrates which are essential for seed and fruit development.



# CRYSTAL CAL N B

Physical Properties - pH: 5.32 – 5.88, Specific Gravity: 1.22-1.32 kg/L  
Analysis W/V%: 14.80% N, 17.80% Ca, 0.2% B, Fulvic Acid

## Application Guide

Crop	Foliar	Fertigation	Comments
<b>Broadacre</b> 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.
<b>Tree Crops - Deciduous:</b> 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.
<b>Tree Crops - Evergreen:</b> 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.
<b>Fruiting Vegetables:</b> Tomatoes, Capsicum, Cucurbits, Eggplant	3 - 8 L/ha diluted in 250-500L of water	10 - 20 L/ha	Apply during active growth stage.
<b>Leafy Vegetables:</b> 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.
<b>Root Vegetables:</b> 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.
<b>Vine and Berry Crops:</b> 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 Fertiliser and cannot be foreseen. Therefore, Dual Chelate Fertiliser accepts no responsibility what so ever for any damage, loss or other consequences following the use of this guide or product.