



DUAL CHELATE
FERTILIZER
THE SCIENCE IN PLANT NUTRITION

CRYSTAL N CAL MAG & B

NPKS 12.2 - 0 - 0 - 0

12.2% Calcium, 3.9% Magnesium, 0.2% Boron
+ Patented Organic Activators (CPPA)

Crystal Cal N Mag & B provides a wide range of crops with essential nutrients such as Nitrate N, Magnesium, Calcium, Boron and Patented Organic Activators (CPPA) which are required to support new growth, flowering and post-harvest.

Benefits of Crystal N Cal Mag & B

Promotes new plant development and vigour whilst encouraging greener growth through Magnesium.

Calcium and Boron improve pollen tube development and pollen tube elongation for better fertilization.

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 Calcium

Calcium assists in maintaining the structural integrity of plant cell walls, improves fruit firmness and ensures uniform fruit sizing and ripening.

The Importance of Magnesium

Magnesium is a multi-functional element mainly utilized in the production of chlorophyll and hence improves the photosynthetic capacity of plants.

The role of Boron

Boron is vital for flower production and pollination by improving pollen germination and fertilization and greatly assists in the production and movement of sugars and carbohydrates.

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.



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Physical Properties - pH: 4.5 - 5.5, Specific Gravity: 1.3 - 1.4 kg/L
Analysis W/V%: 12.18% N, 12.18% Ca, 3.86% Mg, 0.22% B,
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	1.5 - 5 L/ha diluted in 250-500L of water	10 - 30 L/ha	Apply at bud burst and post-flowering as required.
Tree Crops - Evergreen: Avocado, Citrus, Macadamia, Lychee, Mango, Olives	1.5 - 5 L/ha diluted in 250-500L of water	10 - 30 L/ha	Apply during active growth stages and flush.
Fruiting Vegetables: Tomatoes, Capsicum, Cucurbits, Eggplant	2.5 - 5 L/ha diluted in 150-300L of water	10 - 20 L/ha	Apply as required or when deficiencies appear.
Leafy Vegetables: Lettuce, Broccoli, Cabbage, Cauliflower, Kale, Herbs	1.5 - 5 L/ha diluted in 250-500L of water	10 - 20 L/ha	Apply as required or when deficiencies appear.
Root Vegetables: Potato, Sweet Potato, Carrot, Beetroot, Leek, Onion, Radish	1.5 - 5 L/ha diluted in 250-500L of water	10-15 L/ha	Apply as required or when deficiencies appear.
Vine and Berry Crops: Wine and Table Grapes, Blueberry	2.5 - 5 L/ha diluted in 250-600L of water	10-25 L/ha	Apply during shoot development and early flowering. DO NOT exceed the 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.