



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

DUAL GROW K CAL

**NPKS 0 - 0 - 15 - 12 + 2.7% Calcium (EDTA Chelate)
+ 0.2% Patented Organic Activators (CPPA)**

A plant available liquid Potassium and Calcium blend with patented organic activators aimed to increase fruit quality, shelf life and improve the regulation of plant processes.

Benefits of Dual Grow K Cal

Improves firmness and quality of fruit.

Increased levels of potassium and calcium will prolong the shelf life of fruit.

Regulates enzyme activation, water use efficiency (stomata control), starch formation and protein synthesis.

Potassium protects crops against abiotic and biotic stress factors, especially in drought conditions.

Increases pollen germination and pollen tube growth by driving pollen tube growth and elongation which improves fruit set.

Free of chloride and nitrate.

The Importance of Potassium

Potassium acts as a regulatory element controlling plant water status and activation of many enzymes. Potassium also plays a role in improving abiotic stress resistance.

The Role of Calcium

Calcium assists in maintaining the structural integrity of plant cell walls which increases plant resilience towards mechanical, abiotic, and biotic stress.

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.



DUAL GROW K CAL

Physical Properties - pH: 8.3 - 8.6, Specific Gravity: 1.2 - 1.4 kg/L
Analysis W/V%: 15.06% K, 12.46% S, 2.70% Ca, 0.2%
Patented Organic Activators (CPPA)

Application Guide

Crop	Foliar	In-Furrow/Fertigation	Comments
Broadacre Wheat, Barley, Canola, Cotton, Maize, Rice, Sorghum, Triticale, Pasture	2 - 5 L/ha diluted in 100-300L of water	N/A	4-6 leaf
Pulses: Field Peas, Broad Beans, Lentils	2 - 5 L/ha diluted in 100-200L of water	N/A	4-6 leaf
Tree Crops - Deciduous: Almond, Stone fruit, Pome fruit, Pistachio, Walnut, Hazelnut	2 - 5 L/ha diluted in 300-800L of water	10-20 L/ha	Apply post blossoming and prior to harvest.
Tree Crops - Evergreen: Avocado, Citrus, Macadamia, Lychee, Mango, Olives	2 - 5 L/ha diluted in 300-800L of water	10-20 L/ha	Apply recurrently from fruit set to fruit fill.
Fruiting Vegetables: Tomatoes, Capsicum, Cucurbits, Eggplant	2 - 5 L/ha diluted in 300-800L of water	15-30 L/ha	Apply repeatedly from flowering to harvest.
Leafy Vegetables: Lettuce, Broccoli, Cabbage, Cauliflower, Kale, Herbs	2 - 5 L/ha diluted in 300-800L of water	5 - 10 L/ha	Apply repeatedly from leaf production to harvest.
Root Vegetables: Sweet Potato, Carrot, Beetroot, Leek, Onion, Radish	2 - 5 L/ha diluted in 300-800L of water	7-10 L/ha	Apply from tuber initiation to bulking.
Vine and Berry Crops: Wine and Table Grapes, Blueberry	2 - 5 L/ha diluted in 300 -800L of water	7-10 L/ha	Apply as required during and post fruit set, DO NOT apply foliar.



FOLIAR



FERTIGATION



IN-FURROW

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.