



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

DUAL GROW KP 0-5-40

NPKS: 0-5-40 + Patented Organic Activators (CPPA)

A premium blend of Phosphorus and Potassium to provide essential macronutrients for new cell development, increased energy production and to reduce plant stress.

Benefits of Dual Grow KP 0-5-40

Promotes the activation of certain biochemical enzymes which are responsible for ATP synthesis

The form of phosphorus allows for better nutrient utilization and absorption during the season

Potassium involves in translocation of plant nutrients, water and other substances within the plant

Replenishes nutrients lost at harvest and encourages strong bud development for the following season

CPPA (Complex Polymeric Polyhydroxy Acid) is a group of organic acids which enhance various plant physiological functions such as nutrient absorption, shoot, and root growth

The Importance of Potassium

Potassium acts as a regulatory element controlling plant water status and activation of many enzymes. Potassium protects crops against abiotic and biotic stress factors, especially in drought conditions. Also, Potassium plays a crucial role in improving firmness and quality of fruits.

The Role of Phosphorus

Phosphorus is incorporated into many organic compounds such as DNA, proteins, lipids, and enzymes. These organic compounds assist in energy transfer, nutrient uptake, and transport.



DUAL GROW KP 0-5-40

Physical Properties - pH: 6.00-7.00, Specific Gravity: 1.21-1.33
Analysis W/V%: 5.24% P, 39.68% K +Patented Organic Activators (CPPA)

Application Guide

Crop	Foliar	In-Furrow / Fertigation	Comments
Broadacre Cereals including Maize, Cotton, Rice	5-7/ha diluted in 70-100L of water	Minimum 10-15L in 100L/ha	Apply as required during the crop cycle.
Pulses: Field Peas, Broad Beans, Lentils	5-7L/ha diluted in 70-100L of water	10-15L/ha in 100L/ha	Apply as required during the crop cycle.
Tree Crops - Deciduous: Almond, Stone fruit, Pome fruit, Pistachio, Walnut, Hazelnut	7-10L/ha diluted in 800-1000L of water	20-50L/ha	Apply as required during the crop cycle, especially during fruit development and ripening.
Tree Crops - Evergreen: Avocado, Citrus, Macadamia, Lychee, Mango, Olives	7-10L/ha diluted in 800-1000L of water	20-50L/ha	Apply as required during the crop cycle, especially during fruit development and ripening.
Fruiting Vegetables: Tomatoes, Capsicum, Cucurbits, Eggplant	7-10L/ha diluted in 500-1000L of water	20-30L/ha	Apply as required during the crop cycle, especially during fruit development and ripening.
Leafy Vegetables: Lettuce, Broccoli, Cabbage, Cauliflower, Kale, Herbs	7-10L/ha diluted in 500-1000L of water	10-20L/ha	Apply as required during the crop cycle, especially during crop development.
Root Vegetables: Potato, Sweet Potato, Carrot, Beetroot, Leek, Onion, Radish	7-10L/ha diluted in 500-1000L of water	10-50L/ha	Apply as required during the crop cycle, especially during crop development.
Vine and Berry Crops: Wine and Table Grapes, Blueberry	7-10L/ha diluted in 500-800L of water	30-40L/ha	Apply as required during the crop cycle, especially during fruit development and ripening.



FOLIAR



FERTIGATION



IN-FURROW

Disclaimer: Please be aware that fertilizer 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.