



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

# DUAL GROW 16-3-14 PLUS

NPKS: 16-3-14 + Organic Activators

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A multi-elemental fertiliser consisting of NPK, designed to promote plant vegetative and reproductive growth.

## Benefits of Dual Grow 16-3-14 Plus

Maximizes critical plant processes to enhance regulatory systems and promote vigorous growth.

Promotes flower fertility and efficient flower-to-nut conversion ratios.

Stimulates enzymes and increases plant hormone and protein synthesis.

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

## The Importance of Phosphorus

Phosphorus is incorporated into various organic compounds, including DNA, proteins, lipids, and enzymes.

These organic compounds assist in energy transfer, nutrient uptake, and transport.

## The Role of Nitrogen

Nitrogen is essential for all plant growth and development and is a significant component of the chlorophyll molecule.

## 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 enhancing resistance to abiotic stress.

## Organic Activators

Organic activators that enhance various plant physiological functions, such as nutrient absorption, shoot, and root growth



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Physical Properties - pH: 8.8 - 9.8, Specific Gravity: 1.3 - 1.4  
Analysis W/V%: 16.01% N, 3.02% P, 14.01% K

## Application Guide

Crop	Foliar	In-Furrow / Fertigation	Comments Foliar
<b>Broadacre and Row Crops</b> Cereal, Canola, Rice, Field Peas, Broad Beans, Lentils, Chick Peas, Pasture, Cotton, Maize, Sorghum.	5- 10 L/ha diluted in a minimum of 100- 150 L of water	10-25L/ha	Apply through foliar and fertigation as required during the crop cycle.
<b>Tree Crops - Deciduous</b> Almond, Stone fruit, Pome fruit, Pistachio, Walnut, Hazelnut	N/A	20-50L/ha	Apply through fertigation as required during the crop growth cycle.
<b>Tree Crops - Evergreen</b> Avocado, Citrus, Macadamia, Lychee, Mango, Olives	N/A	20-50L/ha	Apply through fertigation as required during the crop growth cycle.
<b>Fruiting Vegetables</b> Tomatoes, Capsicum, Cucurbits, Eggplant	N/A	10-30L/ha	Apply through fertigation as required during the crop growth cycle.
<b>Leafy Vegetables</b> Lettuce, Broccoli, Cabbage, Cauliflower, Kale, Herbs	N/A	10-20L/ha	Apply through fertigation as required during the crop growth cycle.
<b>Root Vegetables</b> Potato, Sweet Potato, Carrot, Beetroot, Garlic, Leek, Onion, Radish	5- 15 L/ha diluted in a minimum of 400- 700 L of water	10-25L/ha	Apply through foliar and fertigation as required during the crop growth cycle.
<b>Vine and Berry Crops</b> Wine and Table Grapes, Raspberries, Blueberries, Strawberries, Blackberries	N/A	10-40L/ha	Apply through fertigation as required during the crop growth cycle.



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 whatsoever for any damage, loss or other consequences following the use of this guide or product.