



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

DUAL GROW APP (MAX NP)

NPKS 16-23-0-0 + 16.18% Nitrogen, 22.98% Phosphorous,
1.28% Kelp + 0.56% Patented Organic Activators (CPPA)

Highly effective combination of Nitrogen and Phosphorus together with unique Kelp & Biologically Active Molecules to Provide N & P efficiently from early spring throughout the growing season

Dual Grow APP (Max NP)

Increases plant development and vigour whilst encouraging greener growth and larger yields.

Nitrogen and Phosphorus promotes new cell development and assists in energy transport

Slow-release form of phosphorus allows for better nutrient utilization and absorption during the season.

Added Kelp important for root development and reduces a wide range of plant stresses during the critical growth stages such as flowering, fruit setting, sizing and color development.

Increased nutrient uptake and translocation of other elements through Patented Organic Activators (CPPA).

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 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.

The Importance Kelp

Kelp plays a crucial role in root growth and plant stress tolerance such as transplant shock. Also, Kelp is important for the seed germination.

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 APP (MAX NP)

Physical Properties - pH: 4.9 - 5.2, Specific Gravity: 1.2 - 1.4
Analysis W/V%: 16.18% N, 22.98% P, 1.28% Kelp, Patented Organic Activators (CPPA)

Application Guide

Crop	Foliar	Fertigation	Comments
Broadacre Wheat, Barley, Canola, Cotton, Maize, Rice, Sorghum, Triticale, Pasture	10-30L/ha diluted in 50-100L of water	Stream Bar 10-100L/ha	Apply early to mid-tillering and apply as required.
Tree Crops - Deciduous: Almond, Stone fruit, Pome fruit, Pistachio, Walnut, Hazelnut	5-10L/ha diluted in 500-1000L of water	20-100L/ha	Avoid foliar application to stone fruit during active leaf growth.
Tree Crops - Evergreen: Avocado, Citrus, Macadamia, Lychee, Mango, Olives	5-10L/ha diluted in 500-1000L of water	20-100L/ha	Apply post-harvest foliar. Fertigate at regular intervals during vegetative growth.
Fruiting Vegetables: Tomatoes, Capsicum, Cucurbits, Eggplant	5-10L/ha diluted in 500-1000L of water	20-50L/ha	Apply during active growth stage.
Leafy Vegetables: Lettuce, Broccoli, Cabbage, Cauliflower, Kale, Herbs	5-10L/ha diluted in 500-1000L of water	10-20L/ha	Apply as required, every 7 - 14 days from early growth to harvest.
Root Vegetables: Sweet Potato, Carrot, Beetroot, Leek, Onion, Radish	5-10L/ha diluted in 500-1000L of water	10-20L/ha	Apply every 3 weeks from start of emergence.
Vine and Berry Crops: Wine and Table Grapes, Blueberry	5-10L/ha diluted in 500-1000L of water	20-50L/ha	Foliar applications from bud burst to flowering. Fertigation at root flush in Spring to Post Harvest.



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.